

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116604.D
 Acq On : 28 Aug 2019 8:57
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 11:34:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123939	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	275961	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	147400	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	259724	20.00	ng	0.00
76) Chrysene-d12	14.02	240	186214	20.00	ng	0.00
87) Perylene-d12	15.47	264	158690	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	626713	73.88	ng	0.00
7) Phenol-d6	6.49	99	795619	76.50	ng	0.00
23) Nitrobenzene-d5	7.43	82	530142	105.10	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	119790	94.64	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	791849	86.51	ng	0.00
79) Terphenyl-d14	12.96	244	1207330	121.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	138104	37.604	ng	98
3) Pyridine	3.38	79	400467	35.807	ng	99
4) n-Nitrosodimethylamine	3.33	42	153750	37.658	ng	96
6) Aniline	6.53	93	542417	38.522	ng	99
8) 2-Chlorophenol	6.65	128	335905	37.737	ng	98
9) Benzaldehyde	6.41	77	245999	35.400	ng	95
10) Phenol	6.50	94	453855	40.185	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	324851	37.776	ng	99
12) 1,3-Dichlorobenzene	6.81	146	382236	39.674	ng	100
13) 1,4-Dichlorobenzene	6.89	146	383003	41.304	ng	99
14) 1,2-Dichlorobenzene	7.04	146	359733	41.124	ng	99
15) Benzyl Alcohol	7.00	79	308085	36.603	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	427796	35.979	ng	99
17) 2-Methylphenol	7.12	107	287659	39.004	ng	97
18) Hexachloroethane	7.38	117	118144	32.669	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	207842	29.286	ng	99
20) 3+4-Methylphenols	7.26	107	307598	34.047	ng	# 87
22) Acetophenone	7.27	105	419562	60.801	ng	98
24) Nitrobenzene	7.45	77	230871	44.197	ng	97
25) Isophorone	7.69	82	375887	37.815	ng	99
26) 2-Nitrophenol	7.76	139	92647	48.556	ng	94
27) 2,4-Dimethylphenol	7.80	122	147147	36.960	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	230066	37.478	ng	98
29) 2,4-Dichlorophenol	8.00	162	157694	41.650	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	181009	42.467	ng	100
31) Naphthalene	8.17	128	562926	42.167	ng	99
32) Benzoic acid	7.91	122	101715	39.964	ng	93
33) 4-Chloroaniline	8.21	127	239379	40.846	ng	# 95
34) Hexachlorobutadiene	8.29	225	105422	45.351	ng	99
35) Caprolactam	8.58	113	49173	37.286	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	175882	41.171	ng	98
37) 2-Methylnaphthalene	8.86	142	367554	40.099	ng	94
38) 1-Methylnaphthalene	8.96	142	349927	40.868	ng	# 100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	170351	42.956	ng	99

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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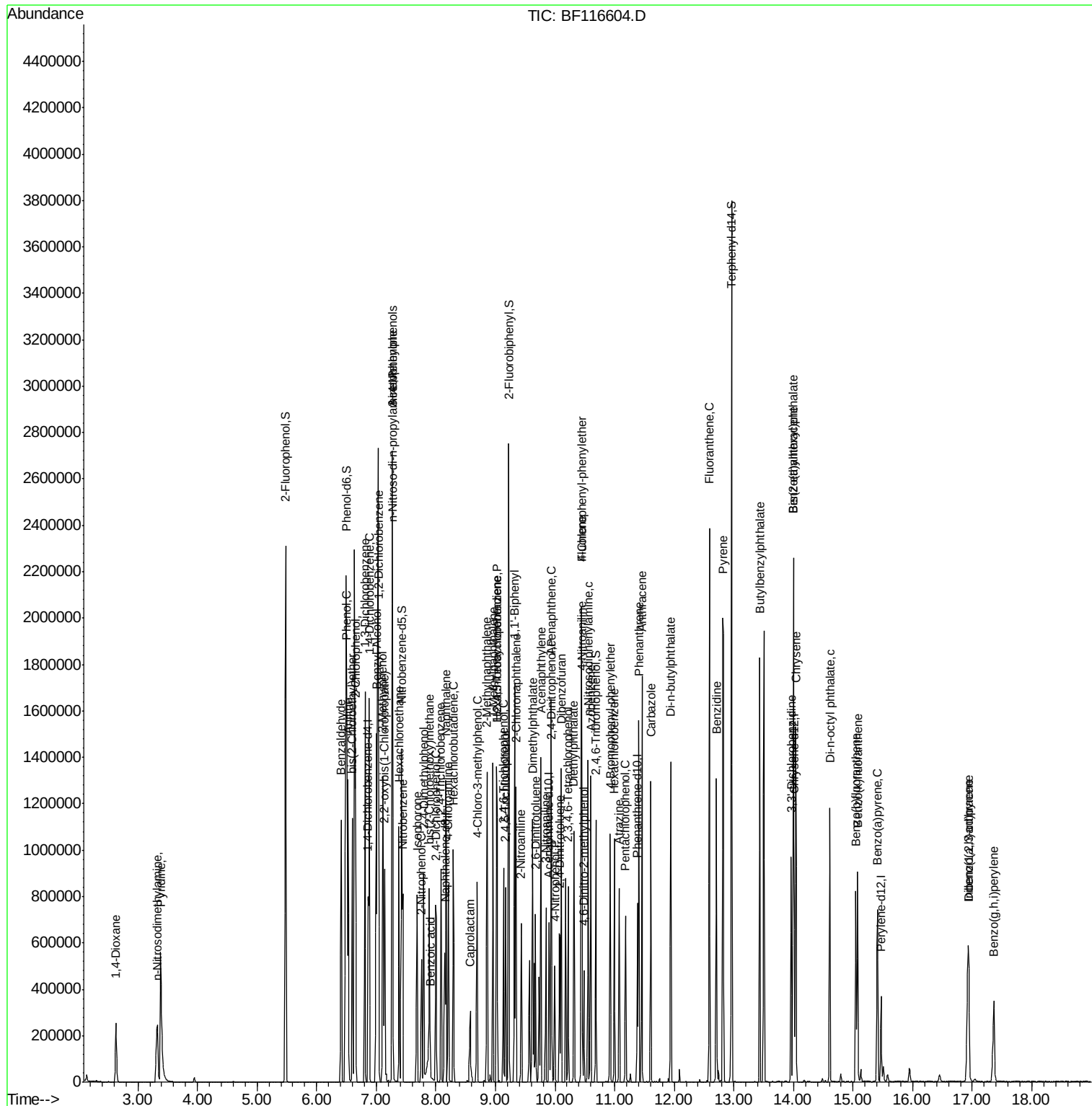
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	96898	45.414	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	115368	41.567	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	115754	40.988	ng	# 90
46) 1,1'-Biphenyl	9.32	154	482048	40.904	ng	99
47) 2-Chloronaphthalene	9.35	162	371633	40.677	ng	96
48) 2-Nitroaniline	9.43	65	120297	43.003	ng	86
49) Acenaphthylene	9.76	152	556699	41.648	ng	99
50) Dimethylphthalate	9.62	163	425400	41.365	ng	100
51) 2,6-Dinitrotoluene	9.67	165	90251	42.874	ng	# 75
52) Acenaphthene	9.93	154	359391	41.901	ng	97
53) 3-Nitroaniline	9.85	138	104296	41.566	ng	96
54) 2,4-Dinitrophenol	9.95	184	40848	61.718	ng	# 70
55) Dibenzofuran	10.10	168	502916	42.063	ng	97
56) 4-Nitrophenol	10.00	139	78860	40.435	ng	88
57) 2,4-Dinitrotoluene	10.08	165	118927	44.400	ng	99
58) Fluorene	10.45	166	390703	42.060	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	98552	42.500	ng	94
60) Diethylphthalate	10.32	149	424559	42.002	ng	98
61) 4-Chlorophenyl-phenylether	10.44	204	191980	42.363	ng	96
62) 4-Nitroaniline	10.46	138	108965	44.402	ng	89
63) Azobenzene	10.60	77	428561	41.236	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	53426	56.305	ng	98
66) n-Nitrosodiphenylamine	10.56	169	338655	40.269	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	111510	40.952	ng	93
68) Hexachlorobenzene	11.00	284	125146	41.554	ng	98
69) Atrazine	11.08	200	104562	41.497	ng	97
70) Pentachlorophenol	11.19	266	75888	43.189	ng	99
71) Phenanthrene	11.40	178	588933	41.625	ng	100
72) Anthracene	11.46	178	586441	41.248	ng	100
73) Carbazole	11.60	167	527001	41.295	ng	98
74) Di-n-butylphthalate	11.94	149	664666	42.030	ng	99
75) Fluoranthene	12.59	202	930812	63.633	ng	99
77) Benzidine	12.70	184	454177	60.621	ng	99
78) Pyrene	12.82	202	888701	59.677	ng	99
80) Butylbenzylphthalate	13.43	149	380389	59.147	ng	99
81) Benzo(a)anthracene	14.00	228	509534	42.248	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	174645	40.635	ng	98
83) Chrysene	14.04	228	492787	40.313	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	351365	40.972	ng	# 98
85) Di-n-octyl phthalate	14.61	149	536621	36.858	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	356447	34.040	ng	99
88) Benzo(b)fluoranthene	15.04	252	417830	42.622	ng	99
89) Benzo(k)fluoranthene	15.08	252	380249	42.815	ng	99
90) Benzo(a)pyrene	15.41	252	353771	40.832	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	293833	41.272	ng	98
92) Benzo(g,h,i)perylene	17.36	276	279731	41.214	ng	99

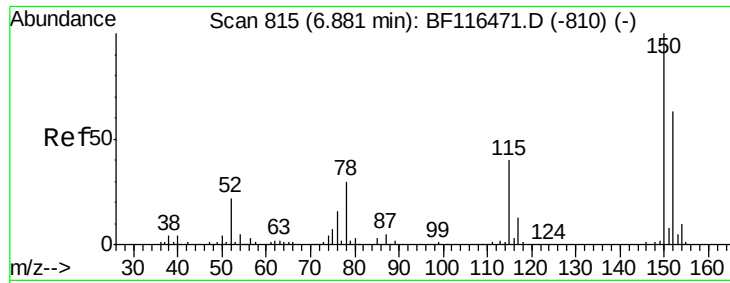
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2    Sample Multiplier: 1
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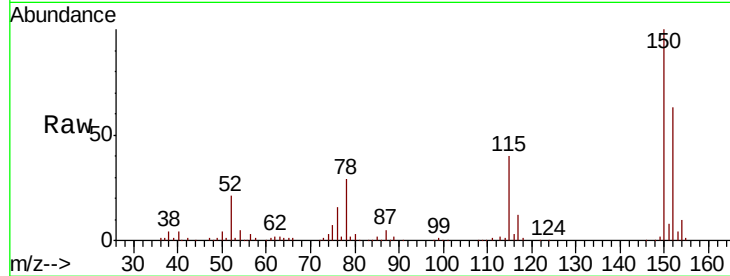


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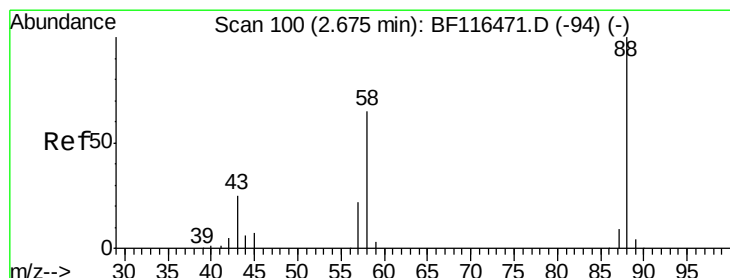
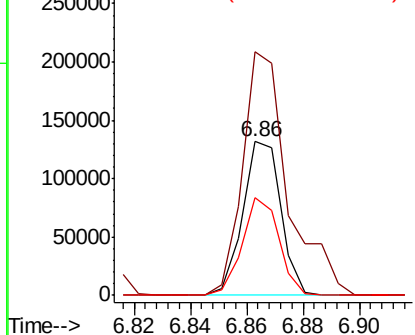
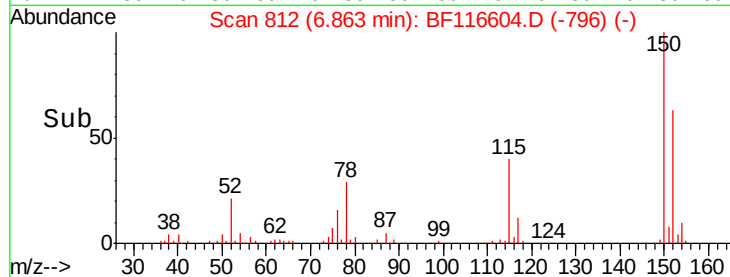
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.4	185.2
115	63.7	48.2	72.2



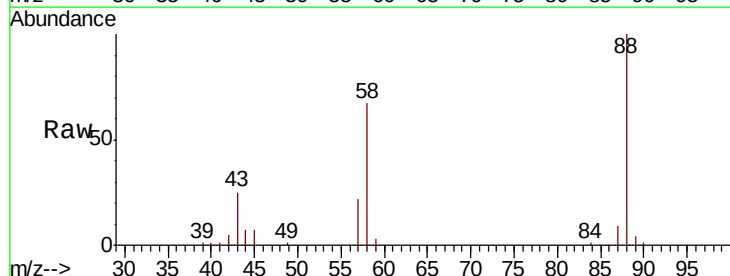
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



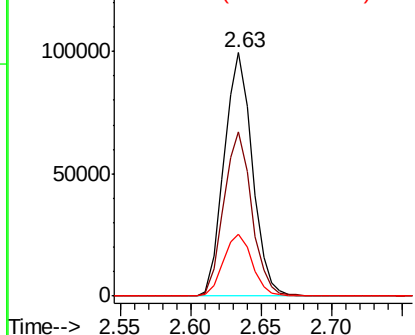
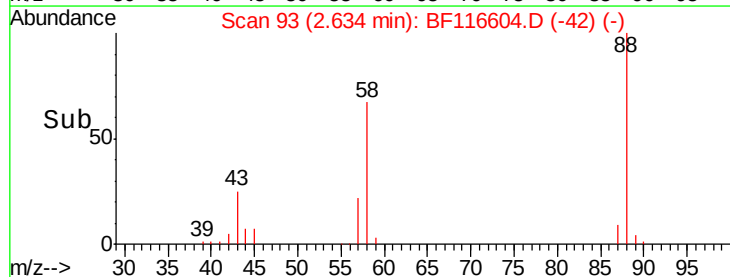
#2

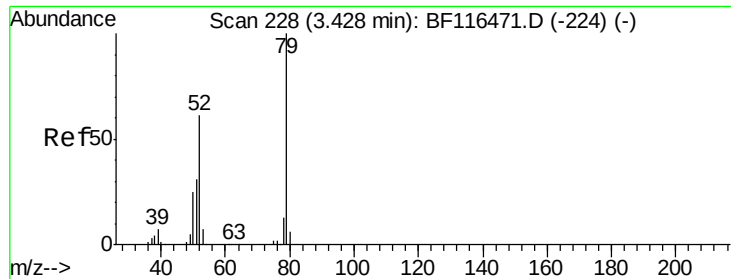
1,4-Dioxane
Concen: 37.604 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	51.8	77.8
43	25.9	20.2	30.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.807 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

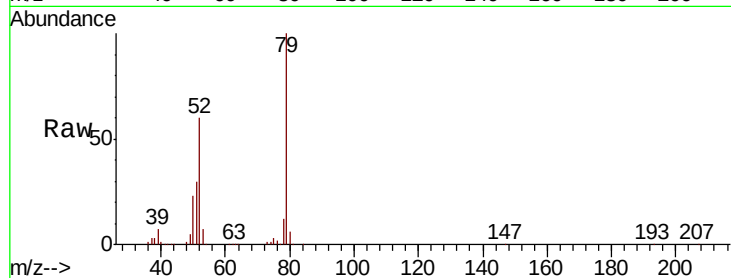
Tot Ion: 79 Resp: 400467

Ion Ratio Lower Upper

79 100

52 59.7 47.9 71.9

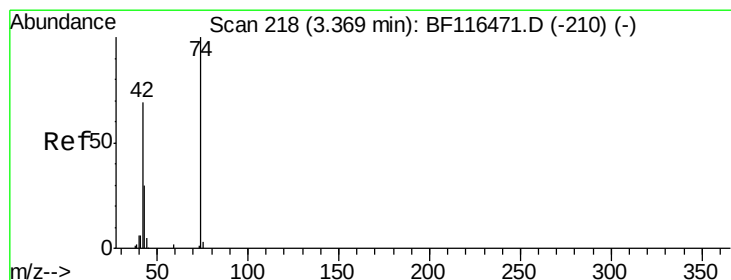
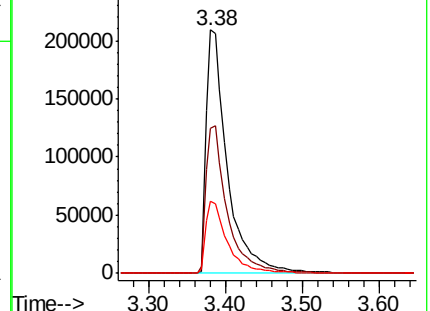
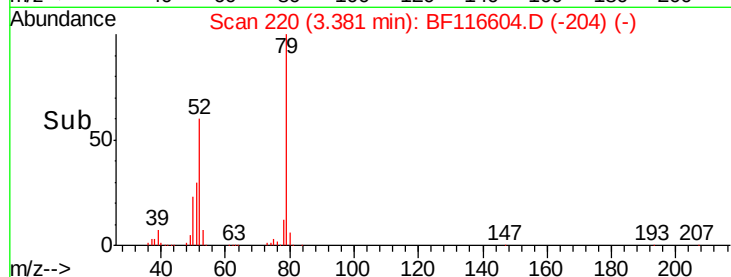
51 29.6 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.658 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

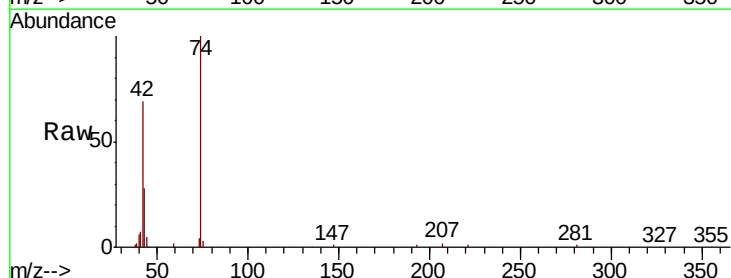
Tgt Ion: 42 Resp: 153750

Ion Ratio Lower Upper

42 100

74 144.1 120.0 180.0

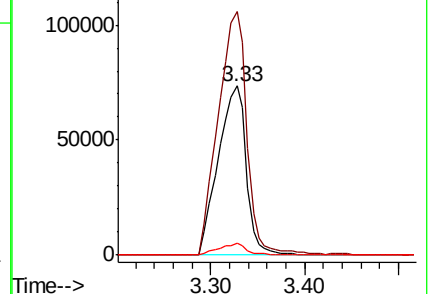
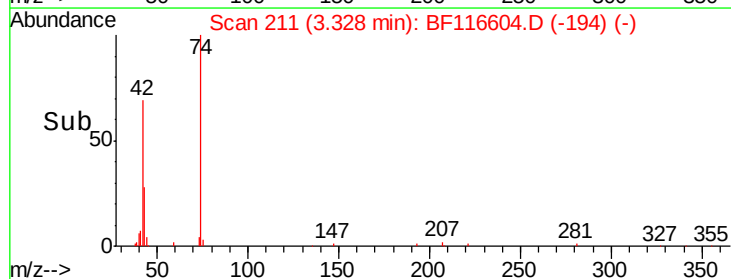
44 6.8 5.4 8.2

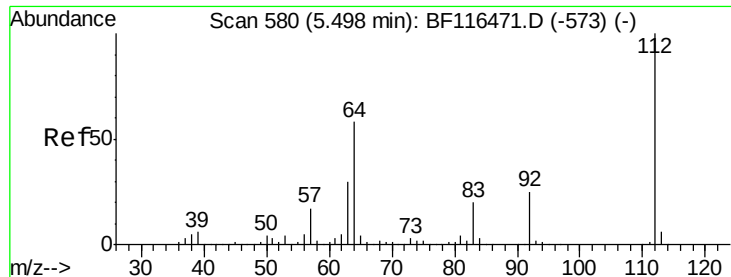


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.885 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

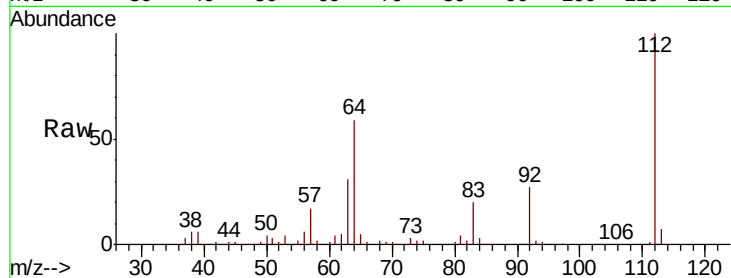
Tot Ion:112 Resp: 626713

Ion Ratio Lower Upper

112 100

64 58.9 48.0 72.0

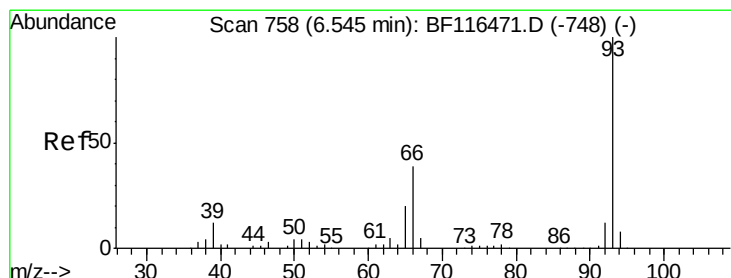
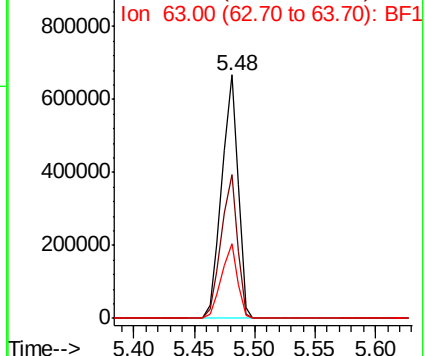
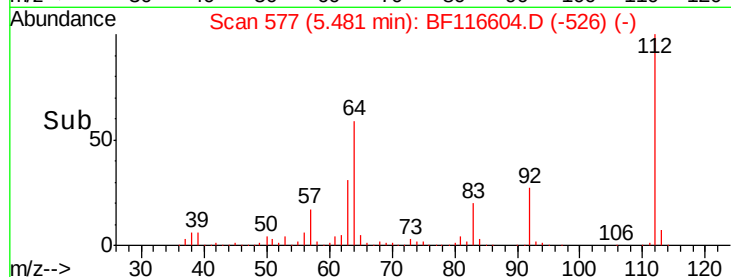
63 30.7 24.6 36.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.522 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

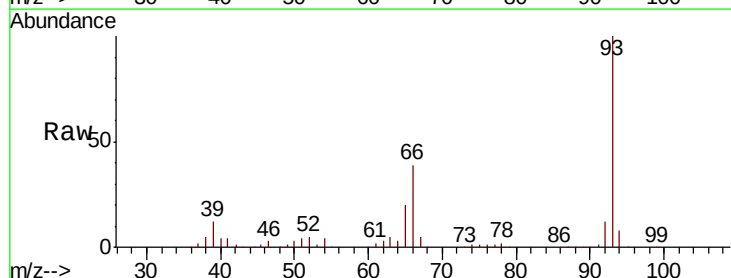
Tgt Ion: 93 Resp: 542417

Ion Ratio Lower Upper

93 100

66 39.1 32.1 48.1

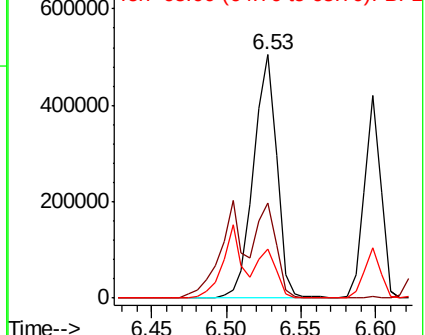
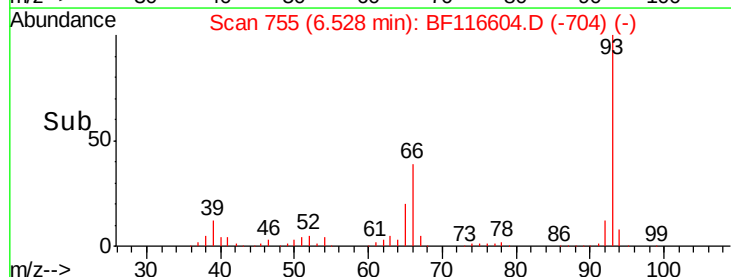
65 20.1 16.2 24.4

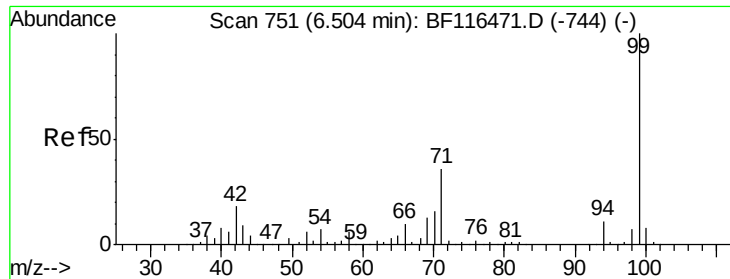


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.498 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

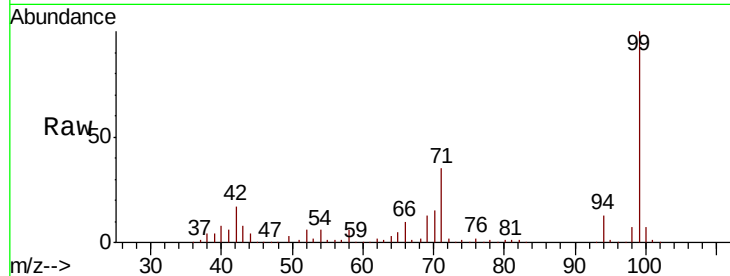
Tot Ion: 99 Resp: 795619

Ion Ratio Lower Upper

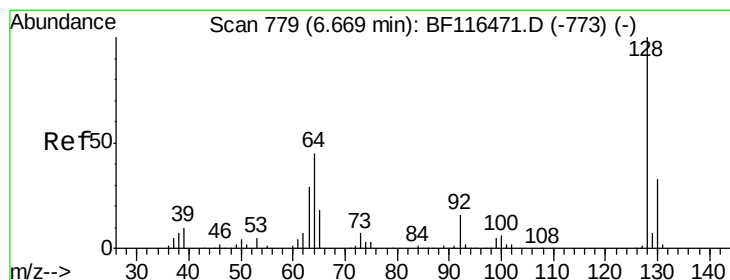
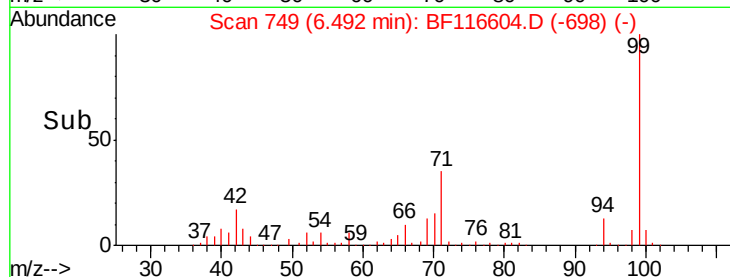
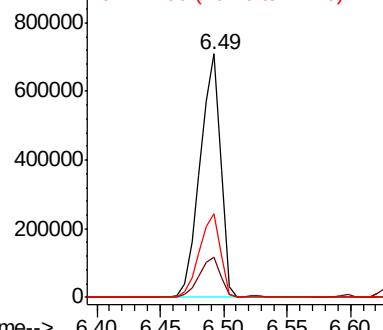
99 100

42 16.7 13.2 19.8

71 34.6 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.737 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

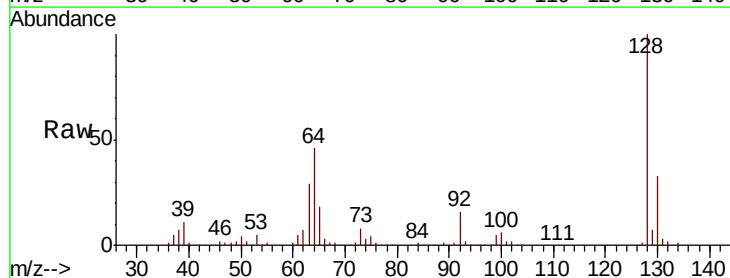
Tgt Ion: 128 Resp: 335905

Ion Ratio Lower Upper

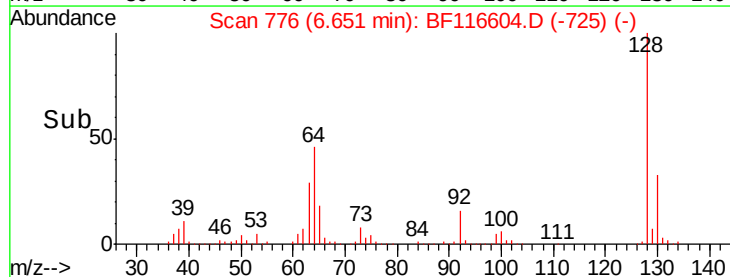
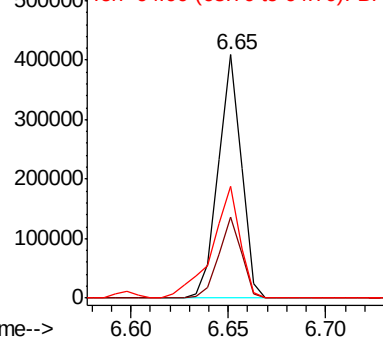
128 100

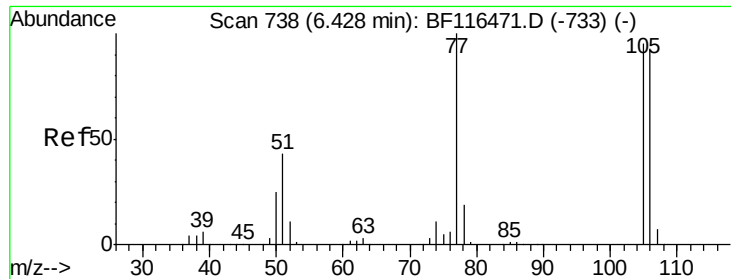
130 33.2 11.8 51.8

64 46.1 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.400 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF116604.D

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Instrument :

BNA_F

ClientSampleId :

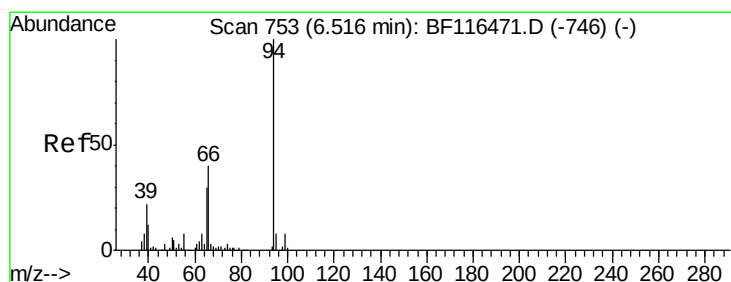
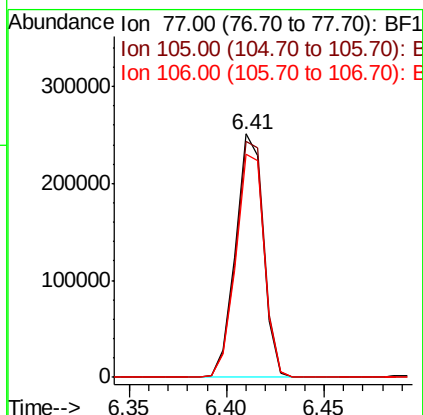
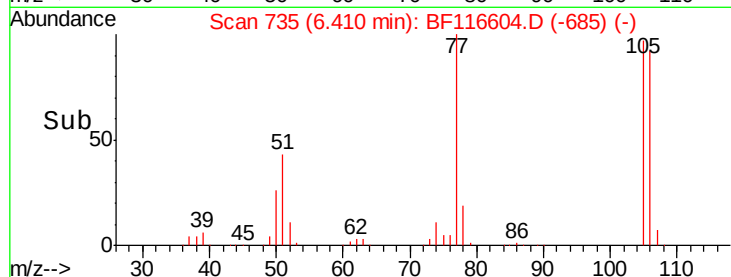
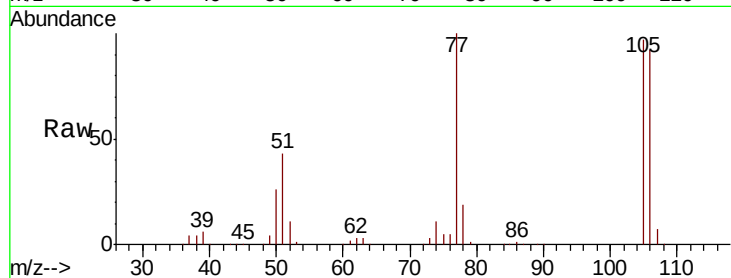
Tot Ion: 77 Resp: 245999

Ion Ratio Lower Upper

77 100

105 96.8 81.6 121.6

106 91.7 77.1 117.1



#10

Phenol

Concen: 40.185 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

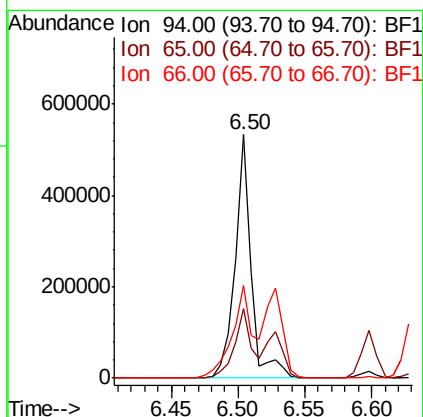
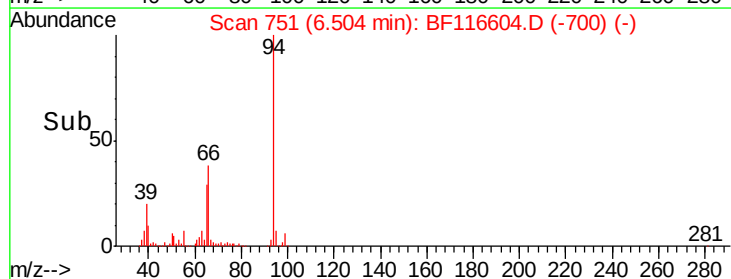
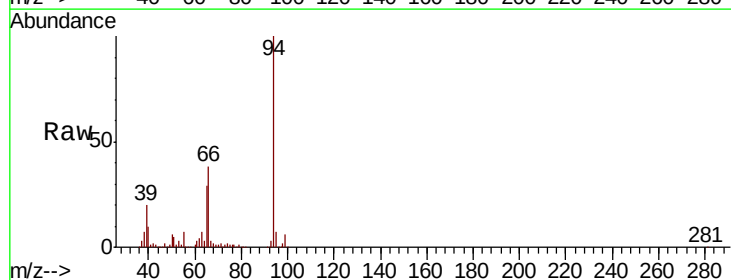
Tgt Ion: 94 Resp: 453855

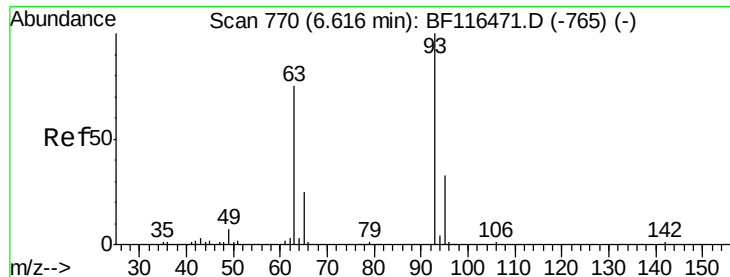
Ion Ratio Lower Upper

94 100

65 28.7 8.6 48.6

66 38.2 18.0 58.0





#11

bis(2-Chloroethyl)ether

Concen: 37.776 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampled :

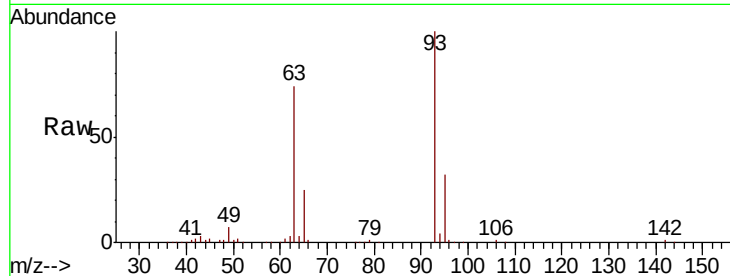
Tot Ion: 93 Resp: 324851

Ion Ratio Lower Upper

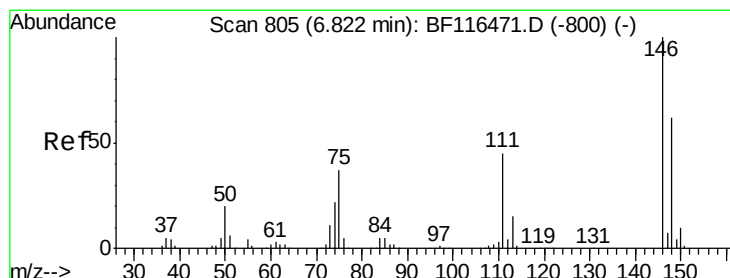
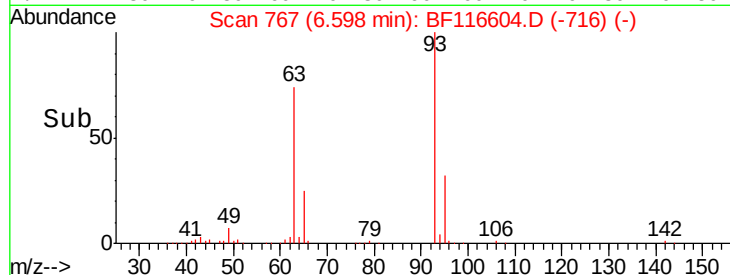
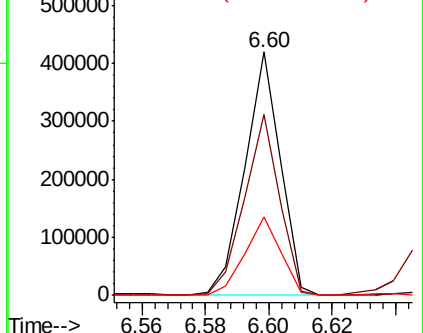
93 100

63 74.3 54.7 94.7

95 32.1 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.674 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

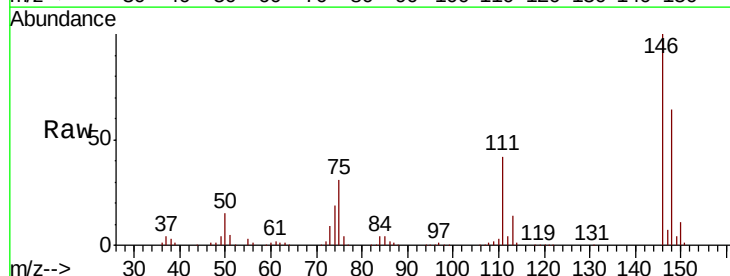
Tgt Ion: 146 Resp: 382236

Ion Ratio Lower Upper

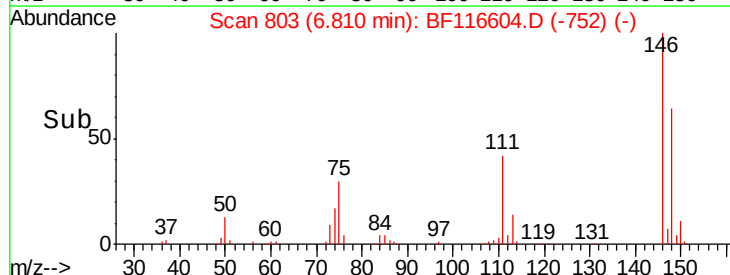
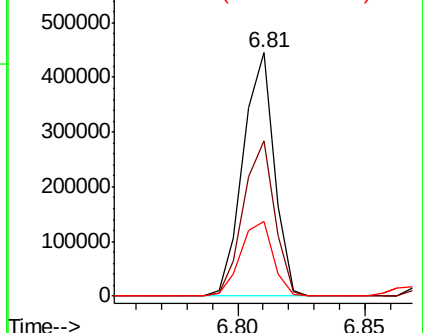
146 100

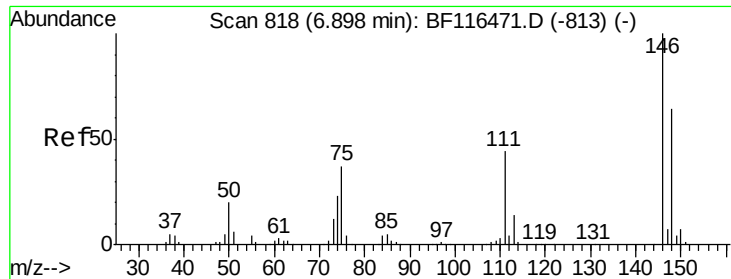
148 63.9 51.0 76.6

75 30.8 25.1 37.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

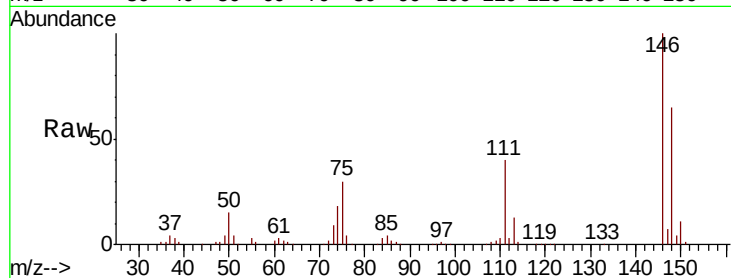




#13
 1,4-Dichlorobenzene
 Concen: 41.304 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	40.2	33.1	49.7

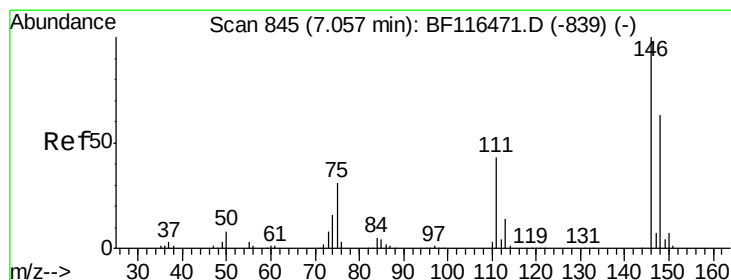
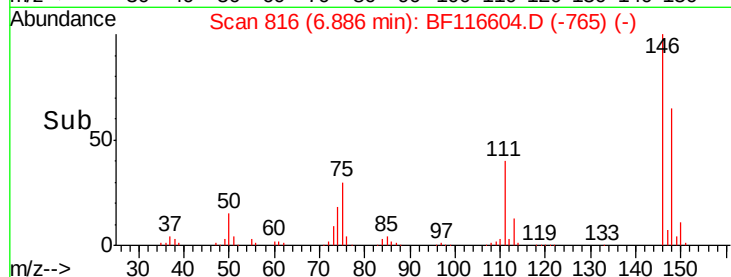
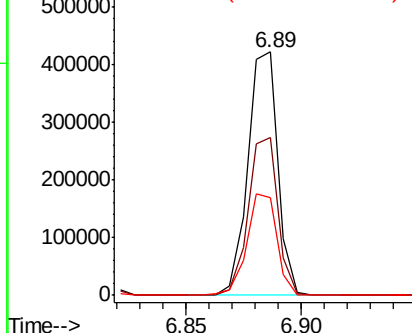


Abundance

Ion 146.00 (145.70 to 146.70): E

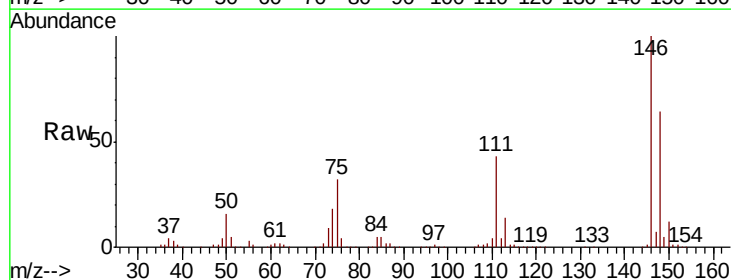
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.124 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	43.4	34.9	52.3

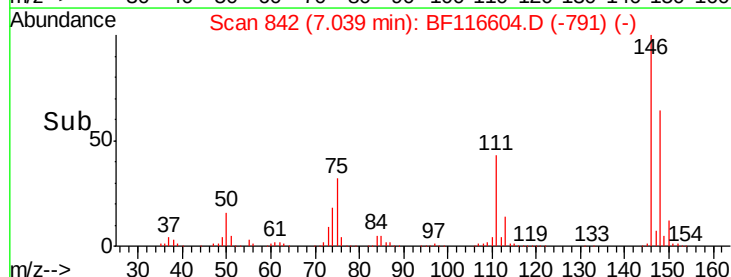
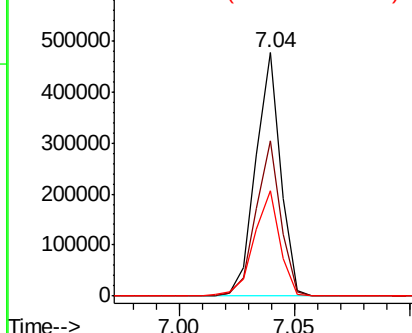


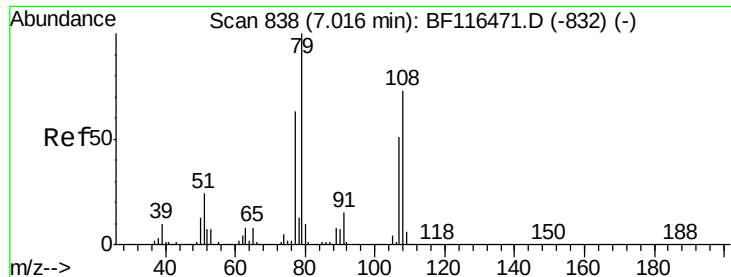
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.603 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

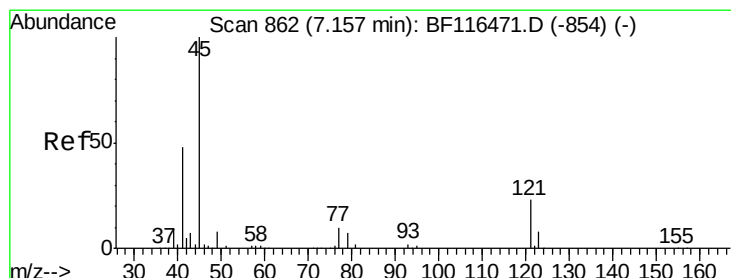
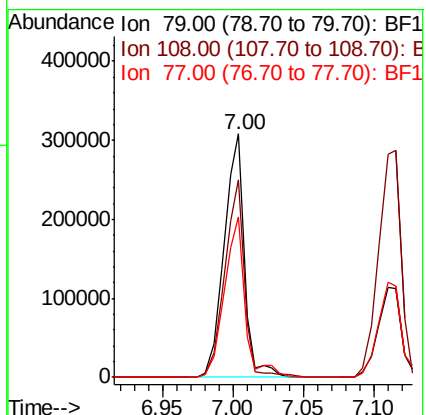
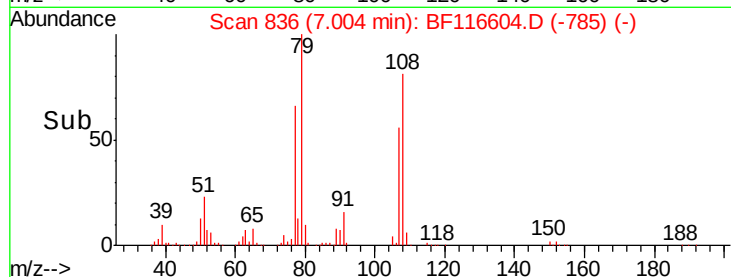
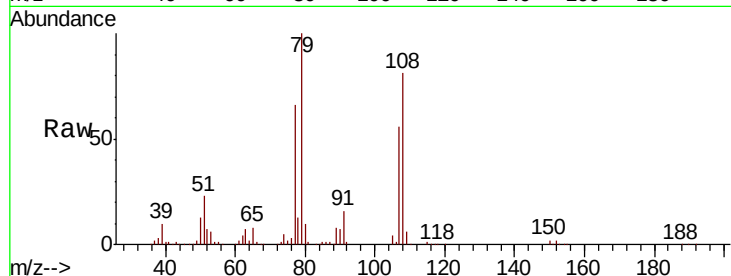
Tot Ion: 79 Resp: 308085

Ion Ratio Lower Upper

79 100

108 81.0 62.2 93.4

77 65.7 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.979 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

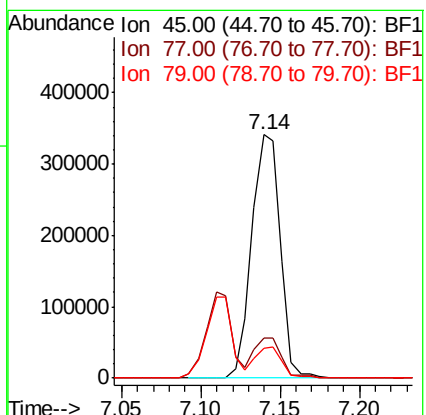
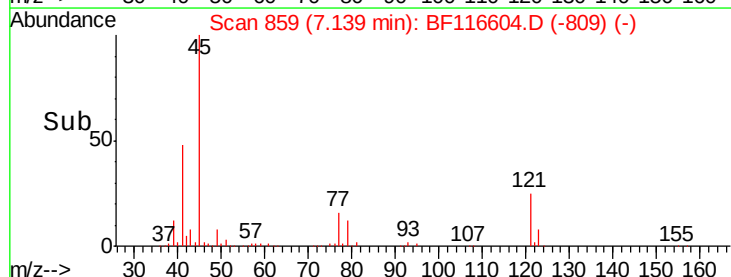
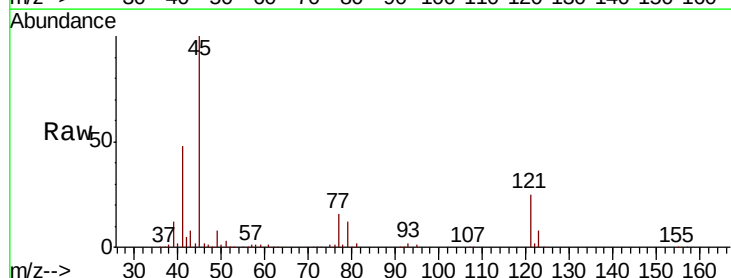
Tgt Ion: 45 Resp: 427796

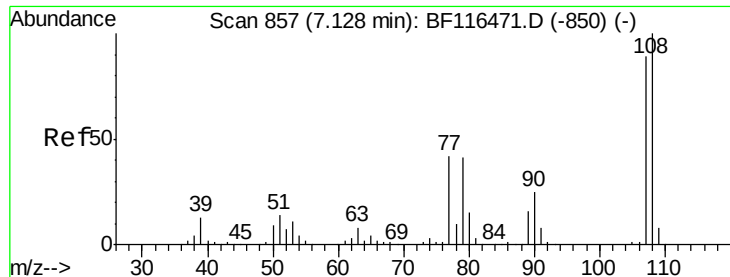
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

79 12.1 0.0 32.9

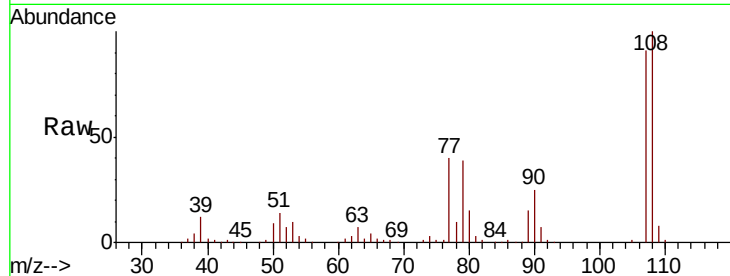




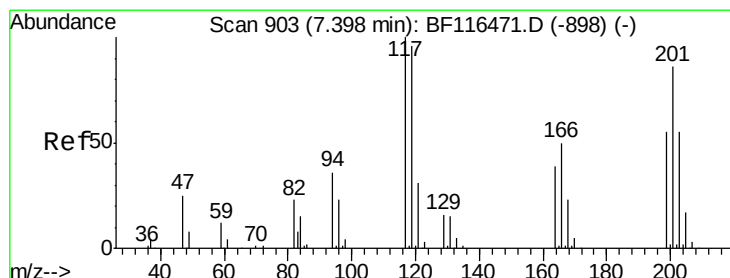
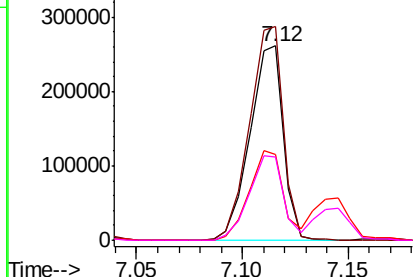
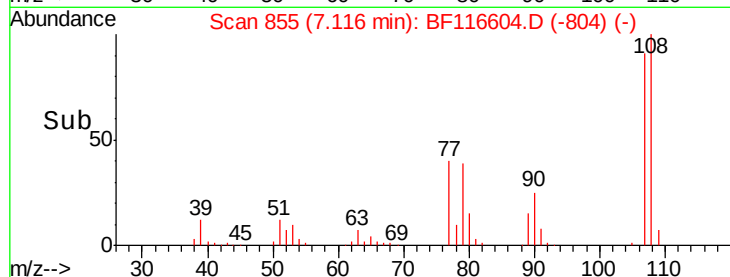
#17
2-Methylphenol
Concen: 39.004 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	287659
Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.9	136.3
77	44.1	36.8	55.2
79	43.2	36.2	54.4

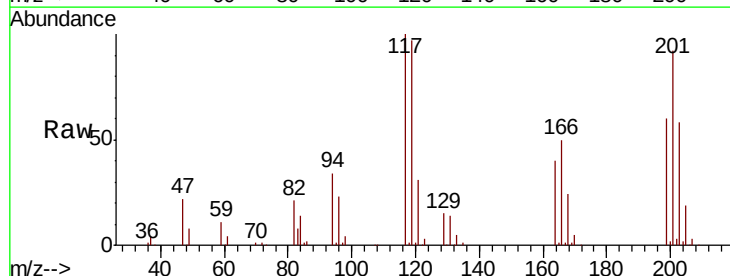


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

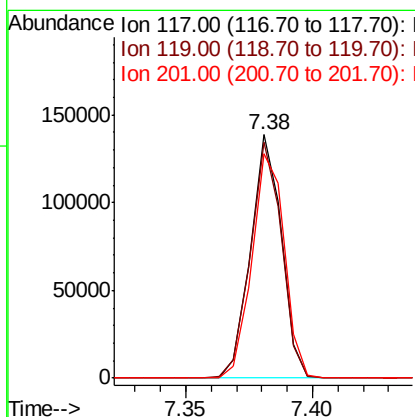
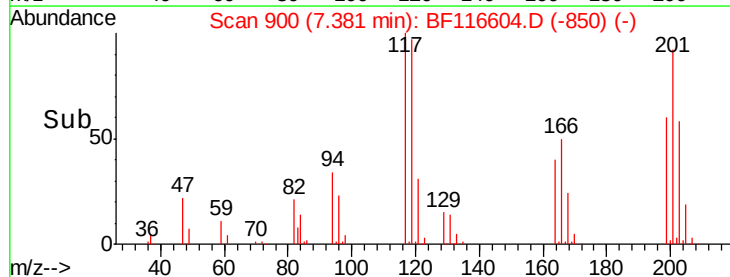


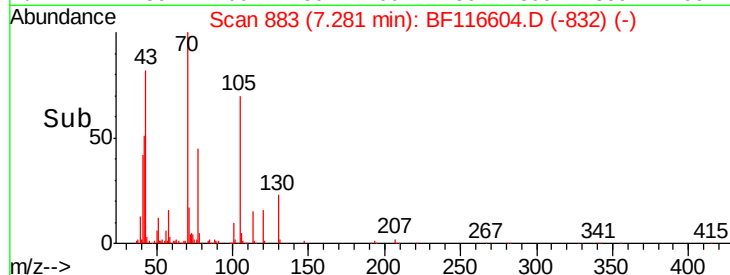
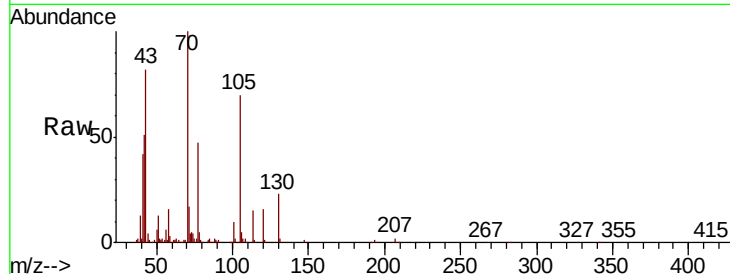
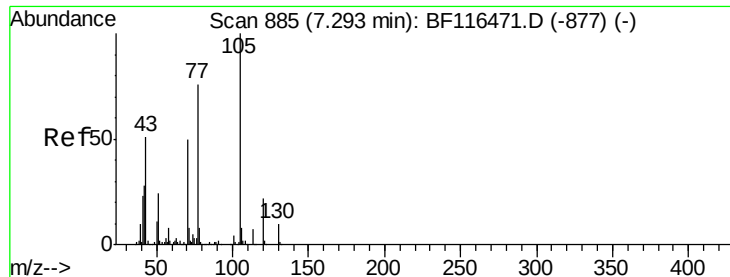
#18
Hexachloroethane
Concen: 32.669 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	117	Resp:	118144
Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.6	118.0
201	92.1	86.2	129.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

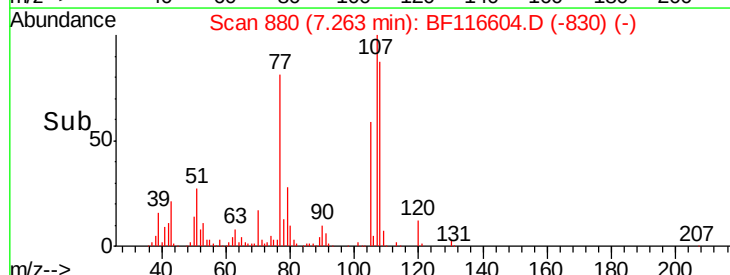
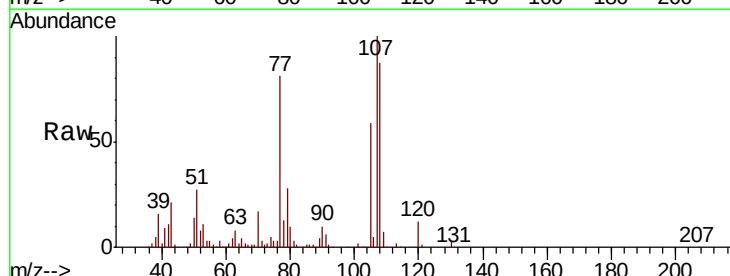
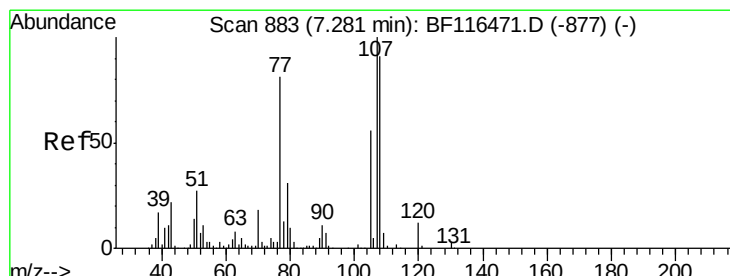
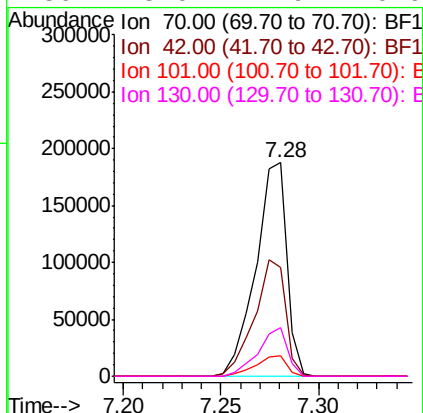




#19
n-Nitroso-di-n-propylamine
Concen: 29.286 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

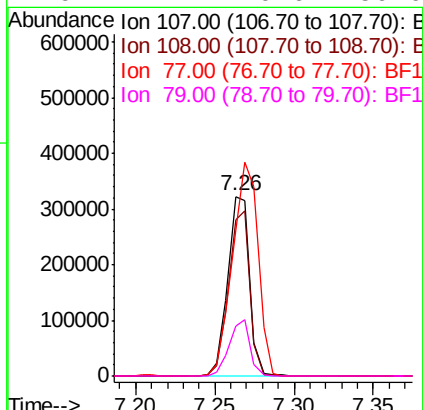
Instrument :
BNA_F
ClientSampled :

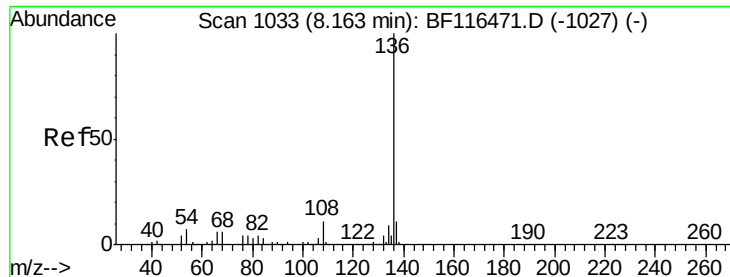
Tot Ion:	70	Resp:	207842
Ion	Ratio	Lower	Upper
70	100		
42	50.7	41.2	61.8
101	9.8	7.7	11.5
130	23.0	17.9	26.9



#20
3+4-Methylphenols
Concen: 34.047 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	107	Resp:	307598
Ion	Ratio	Lower	Upper
107	100		
108	87.2	72.6	112.6
77	81.1	82.4	122.4#
79	27.7	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 275961

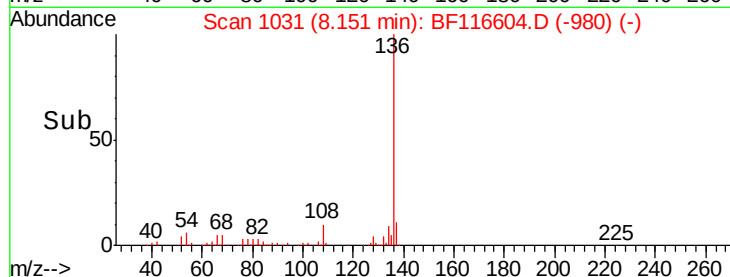
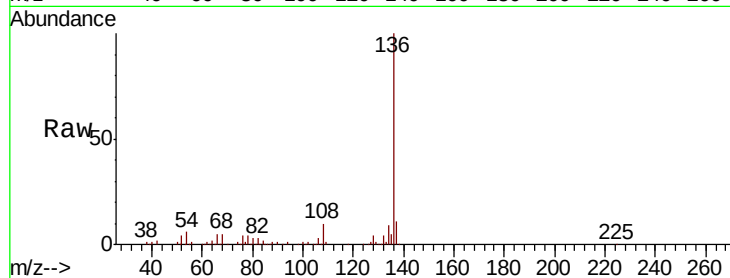
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.8 5.0 7.4

68 4.7 4.5 6.7

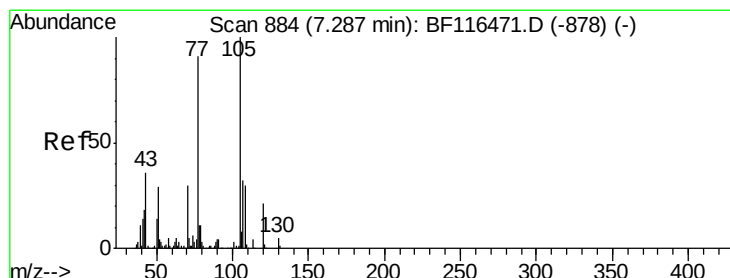
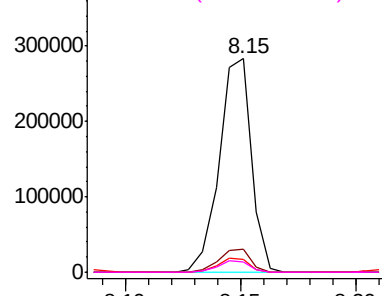


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 60.801 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Tgt Ion:105 Resp: 419562

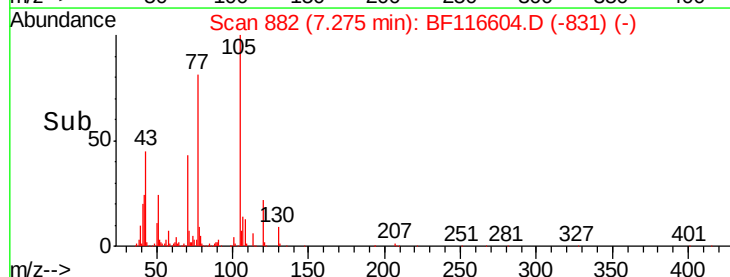
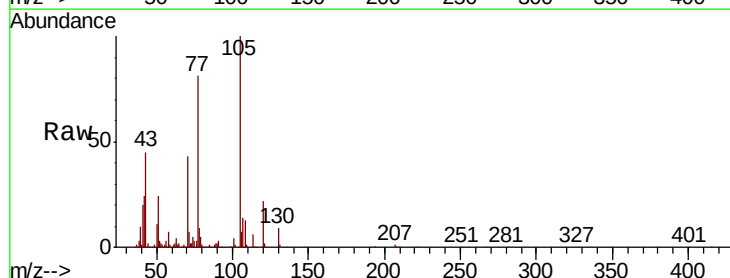
Ion Ratio Lower Upper

105 100

71 7.1 5.0 7.6

51 24.4 20.7 31.1

120 21.6 17.9 26.9

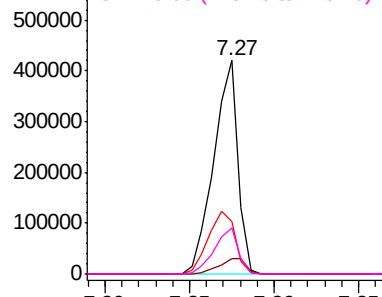


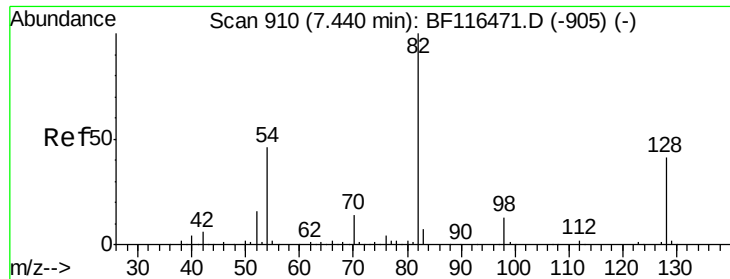
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

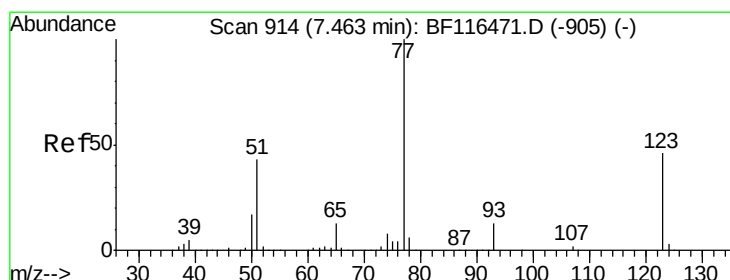
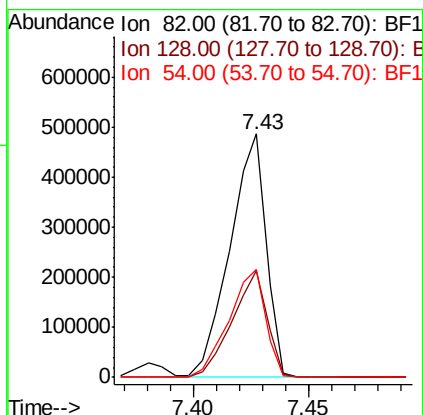
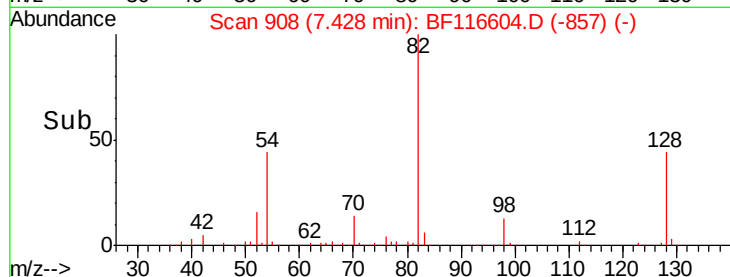
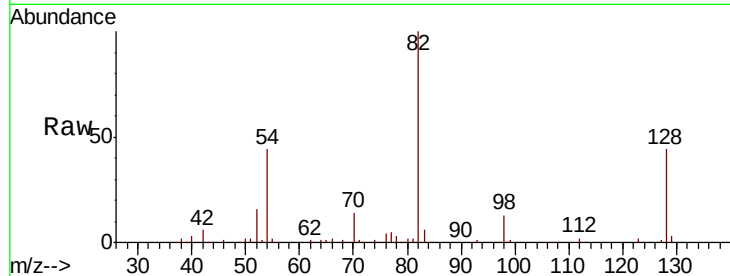




#23
 Nitrobenzene-d5
 Concen: 105.102 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

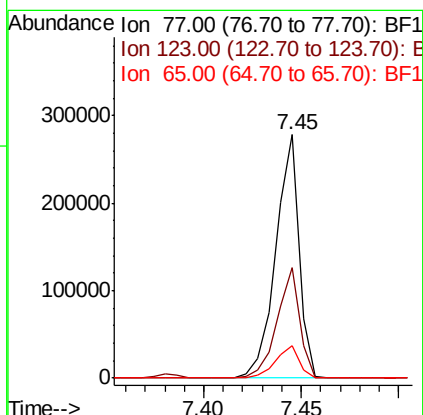
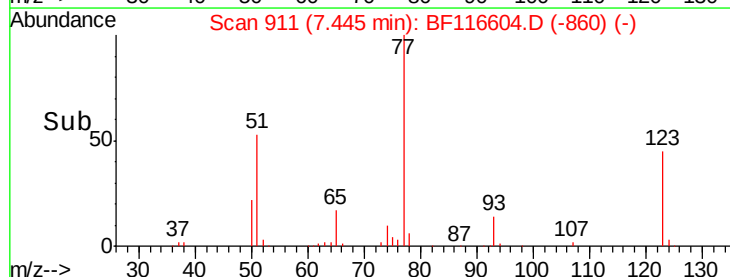
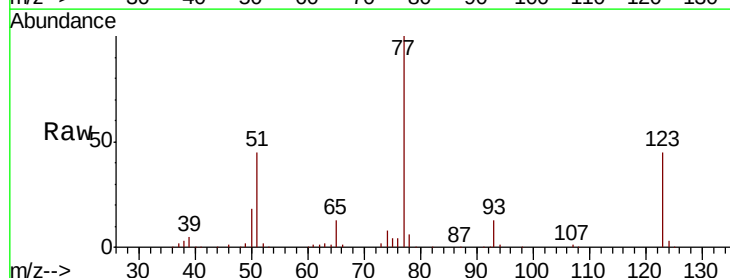
Instrument :
 BNA_F
 ClientSampleId :

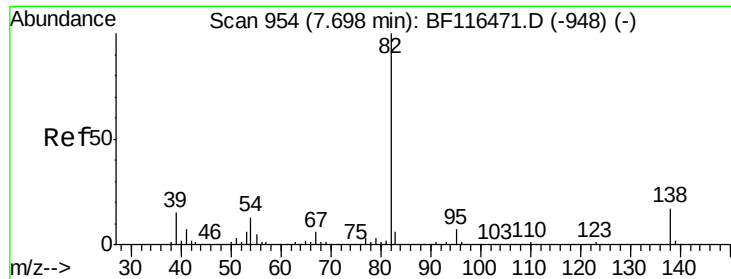
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.6
54	44.3	34.4	51.6



#24
 Nitrobenzene
 Concen: 44.197 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	38.2	57.4
65	13.3	11.0	16.6





#25

Isophorone

Concen: 37.815 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampled :

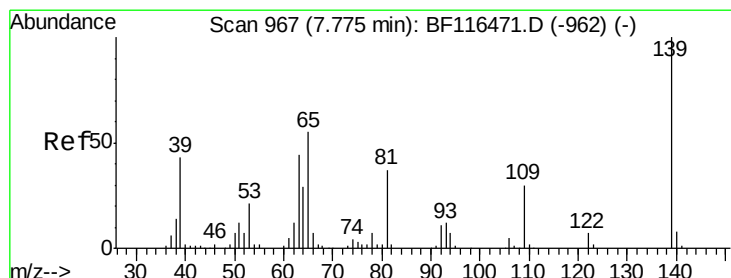
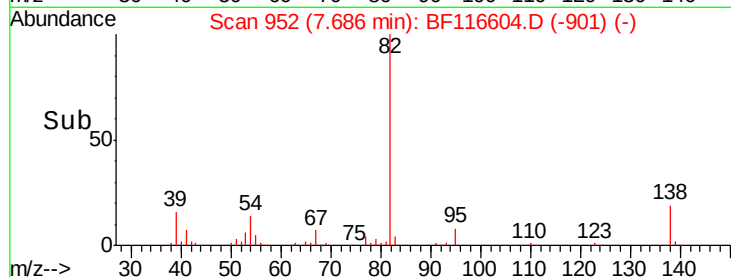
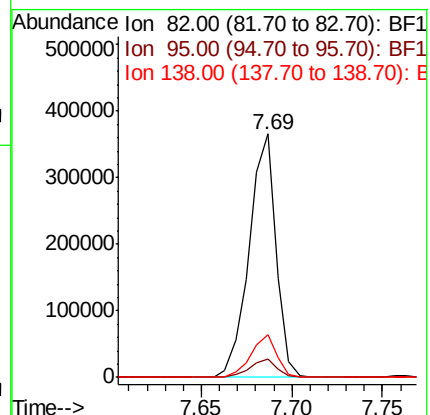
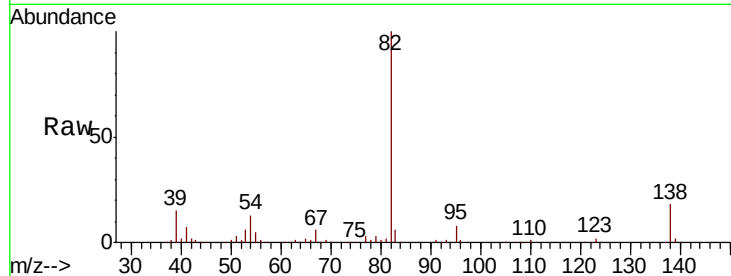
Tot Ion: 82 Resp: 375887

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

138 17.8 14.4 21.6



#26

2-Nitrophenol

Concen: 48.556 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

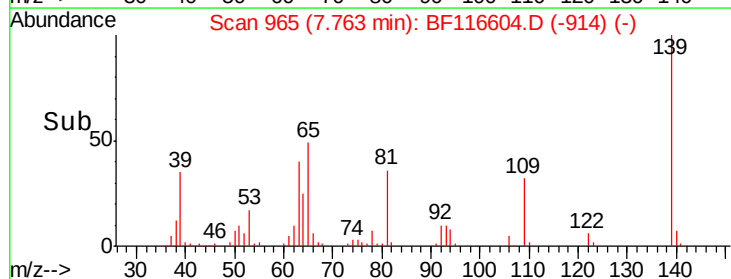
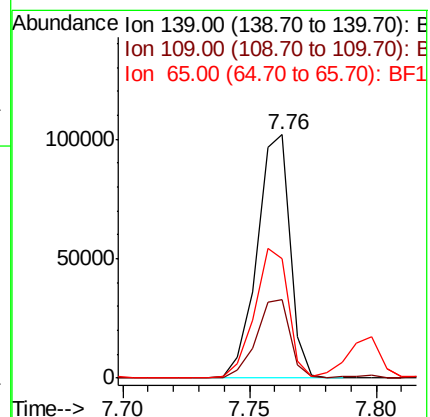
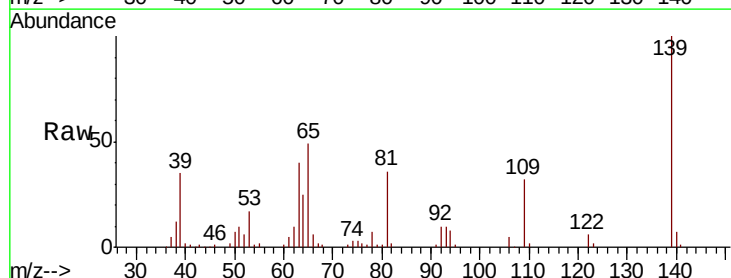
Tgt Ion: 139 Resp: 92647

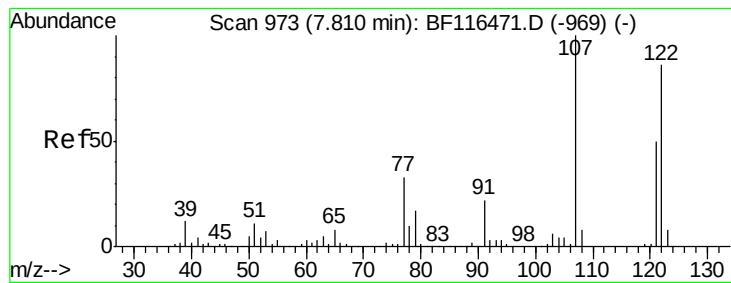
Ion Ratio Lower Upper

139 100

109 32.0 22.4 33.6

65 48.9 36.9 55.3





#27

2,4-Dimethylphenol

Concen: 36.960 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

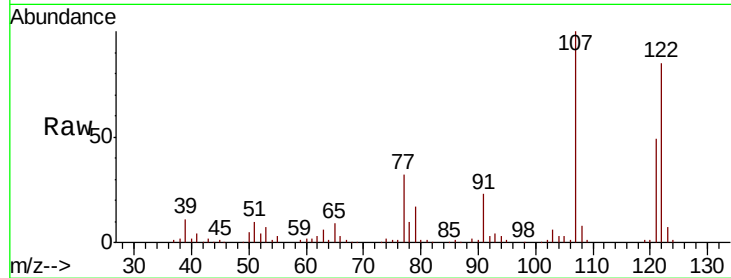
Tot Ion:122 Resp: 147147

Ion Ratio Lower Upper

122 100

107 117.9 95.4 143.0

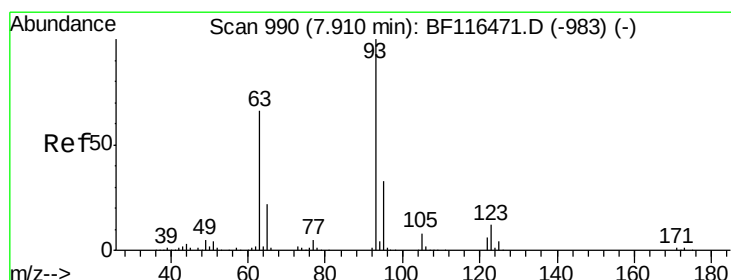
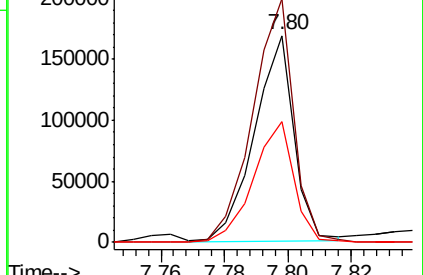
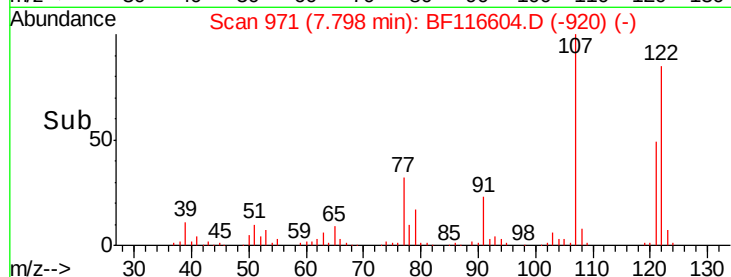
121 58.3 47.8 71.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.478 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

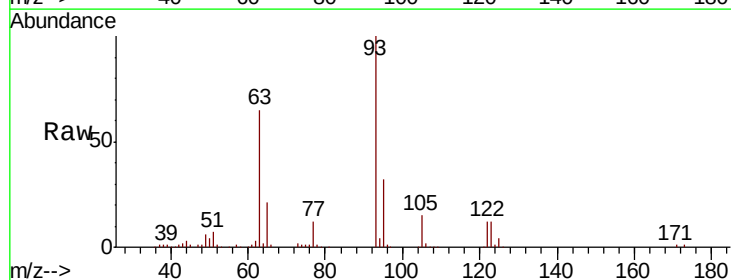
Tgt Ion: 93 Resp: 230066

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

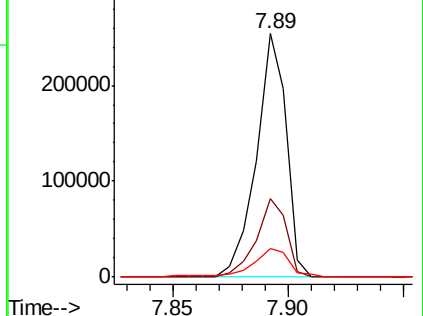
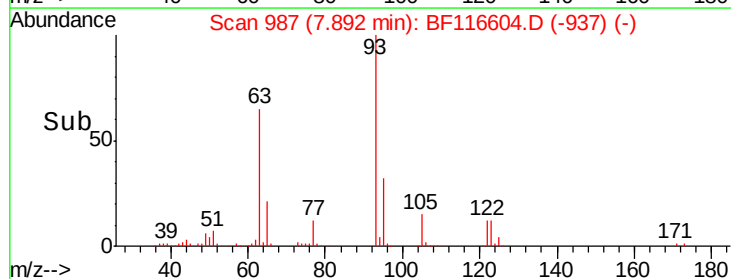
123 11.6 10.4 15.6

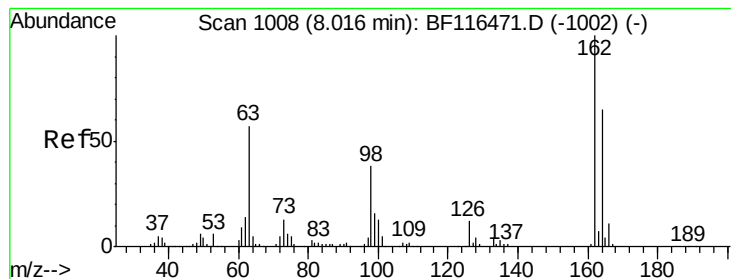


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.650 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

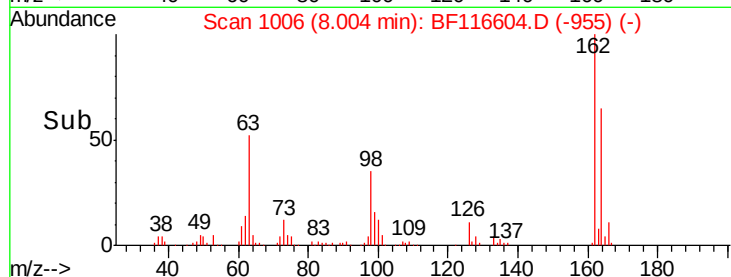
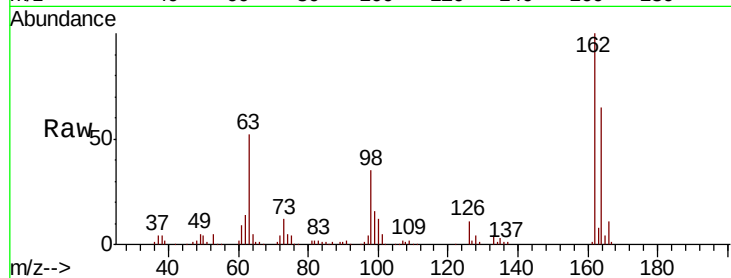
Tot Ion:162 Resp: 157694

Ion Ratio Lower Upper

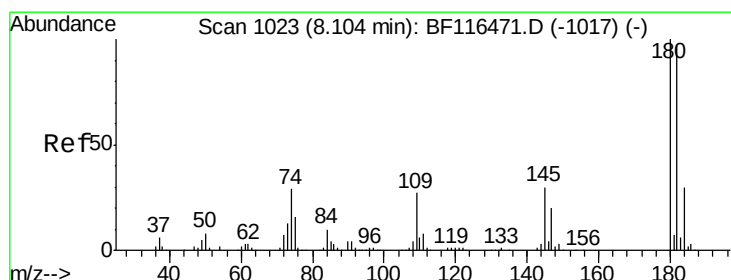
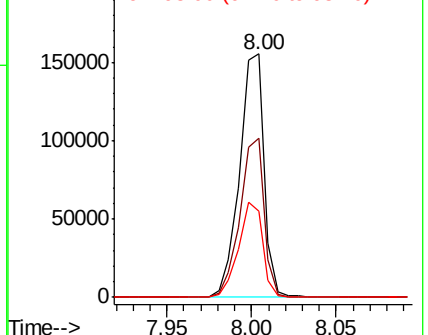
162 100

164 65.4 45.9 85.9

98 35.4 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.467 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

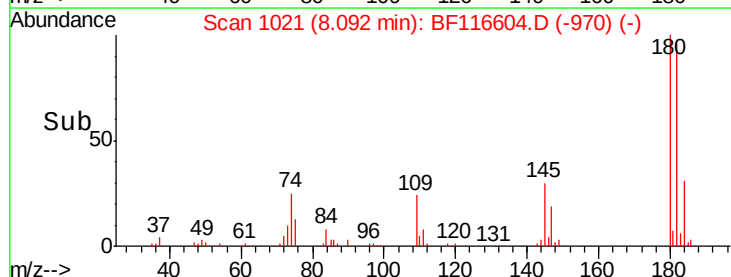
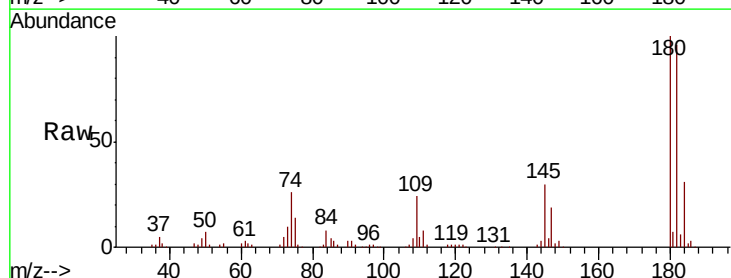
Tgt Ion:180 Resp: 181009

Ion Ratio Lower Upper

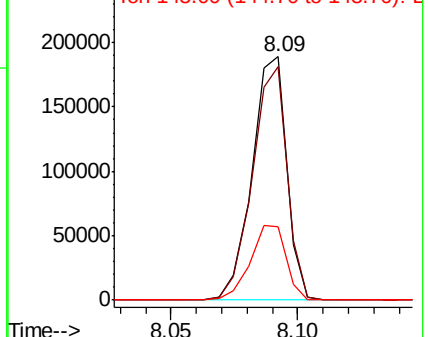
180 100

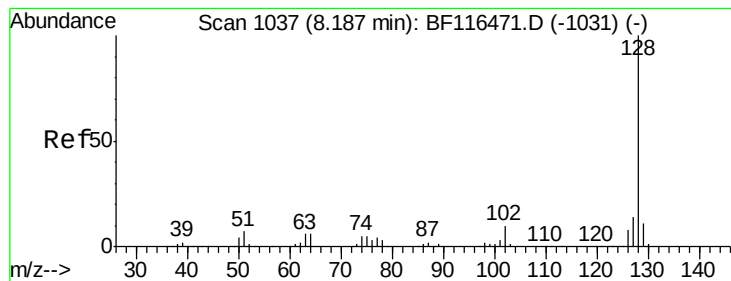
182 95.9 76.7 115.1

145 30.0 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.167 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

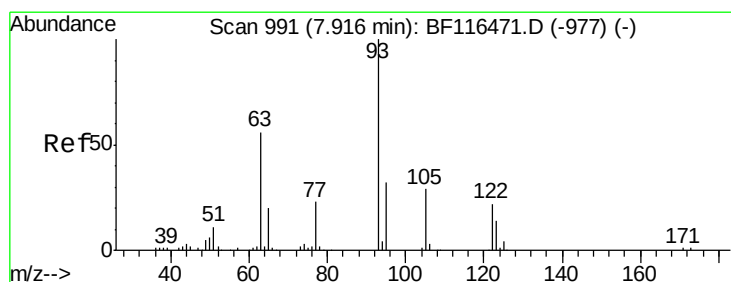
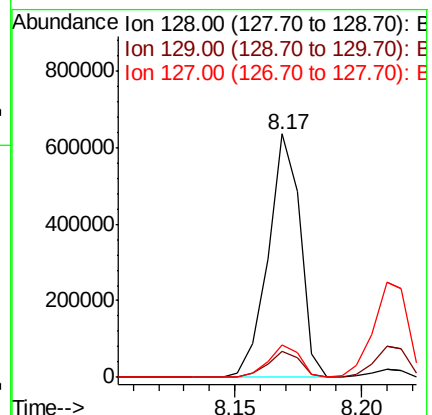
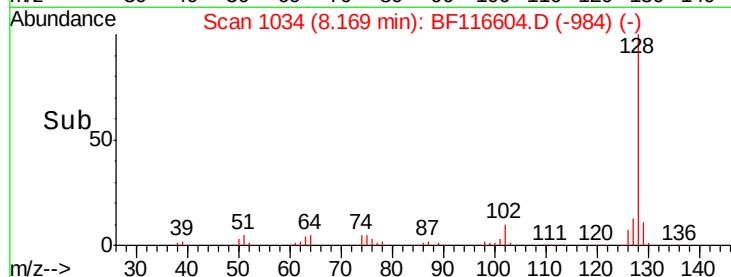
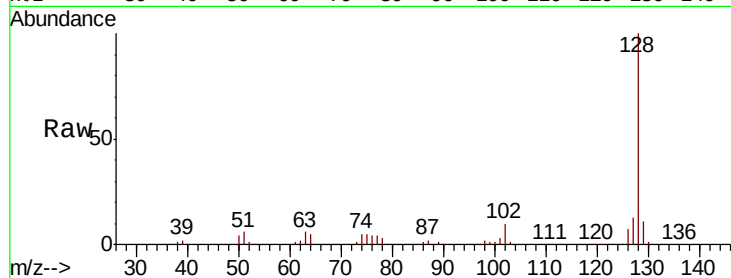
Tot Ion:128 Resp: 562926

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.2 10.9 16.3



#32

Benzoic acid

Concen: 39.964 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

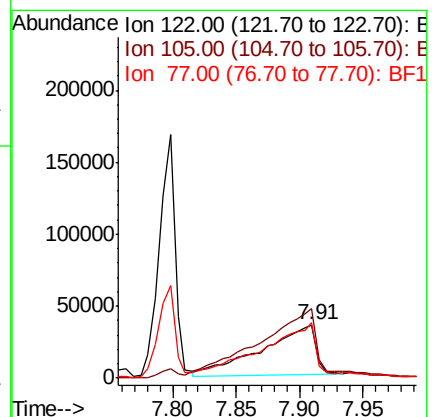
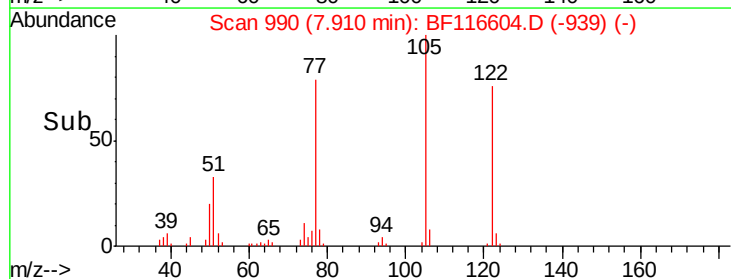
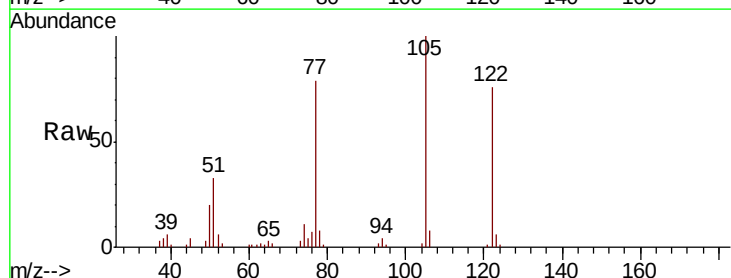
Tgt Ion:122 Resp: 101715

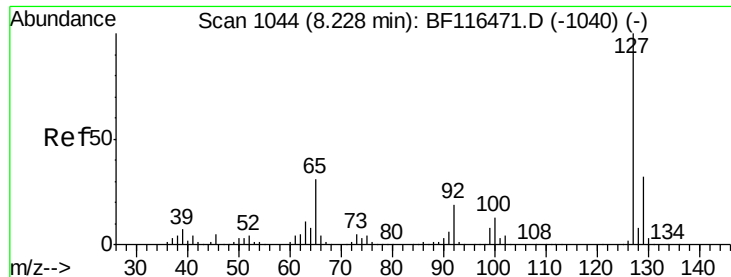
Ion Ratio Lower Upper

122 100

105 131.8 105.8 145.8

77 103.7 74.1 114.1

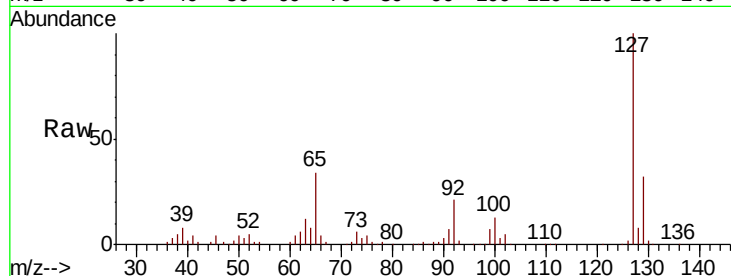




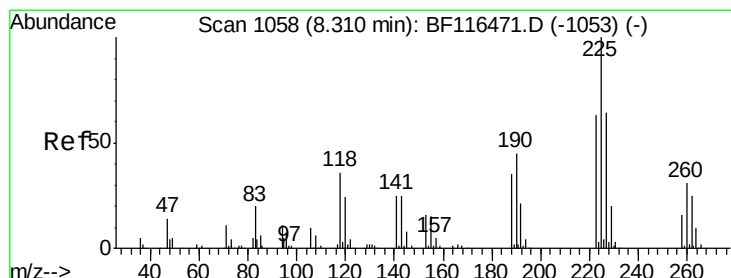
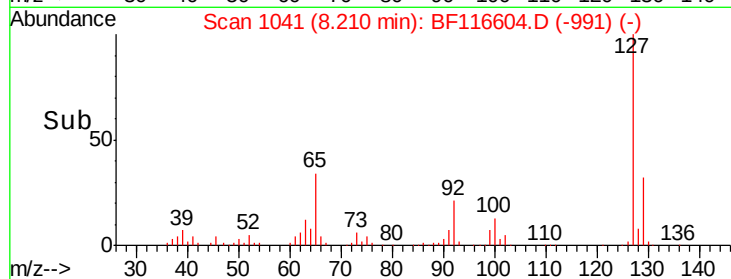
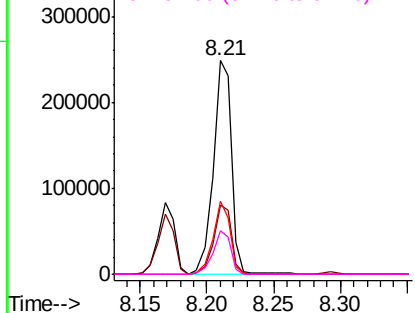
#33
4-Chloroaniline
Concen: 40.846 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	239379
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	34.0	22.6	33.8#
92	20.5	15.0	22.6

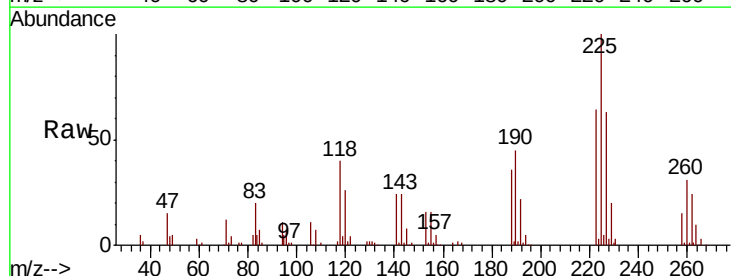


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

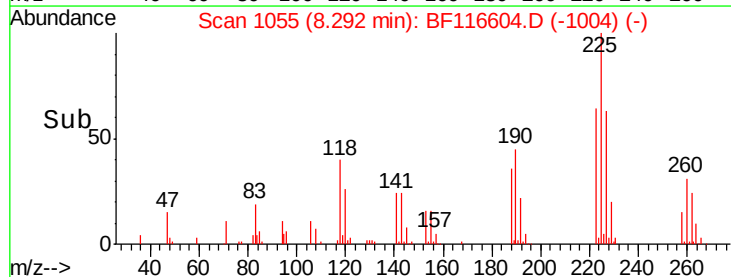
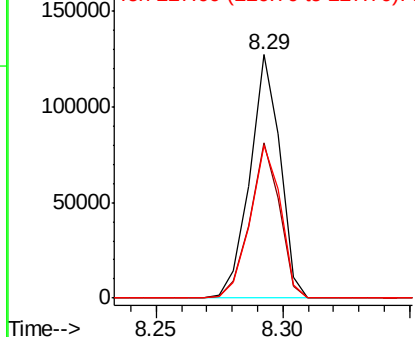


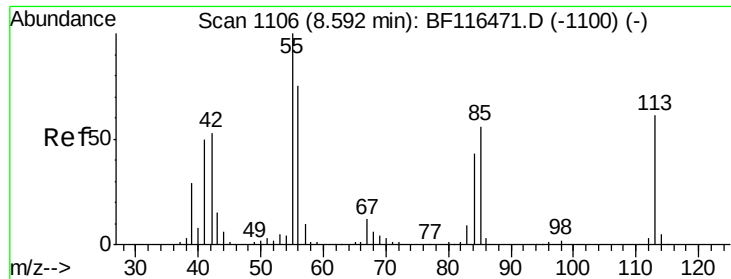
#34
Hexachlorobutadiene
Concen: 45.351 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	225	Resp:	105422
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	62.5	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

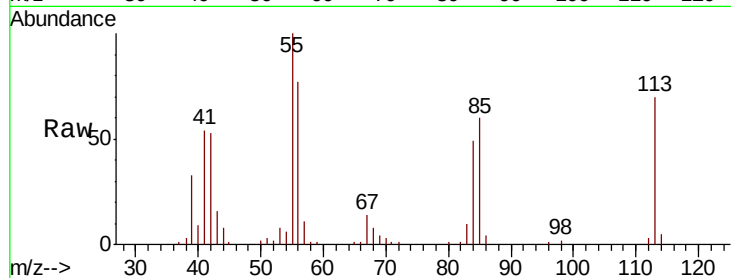




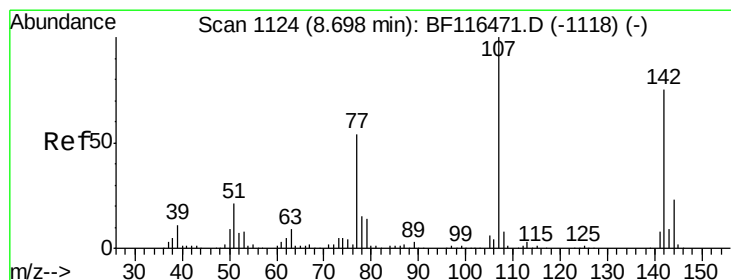
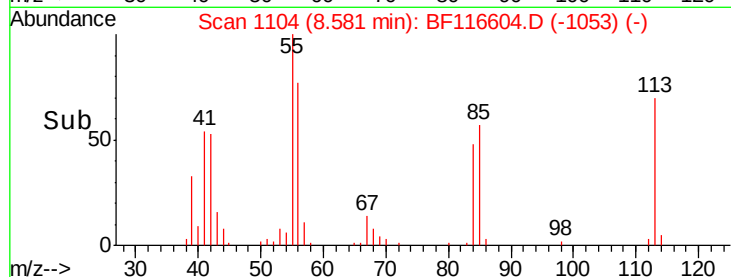
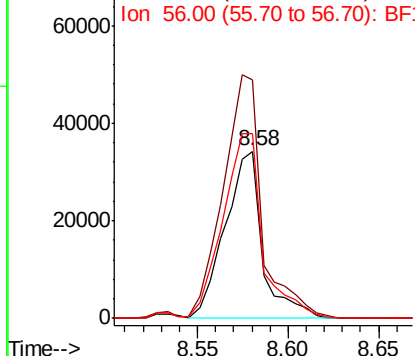
#35
Caprolactam
Concen: 37.286 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 49173
Ion Ratio Lower Upper
113 100
55 142.7 128.3 168.3
56 110.4 93.2 133.2

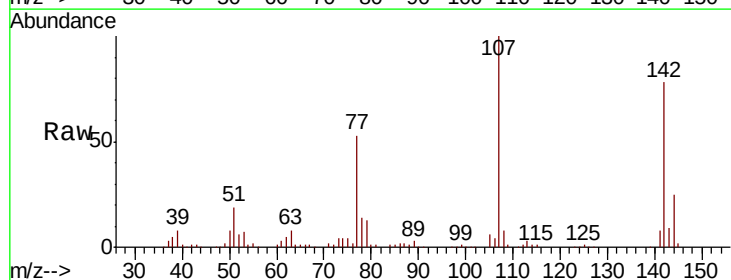


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

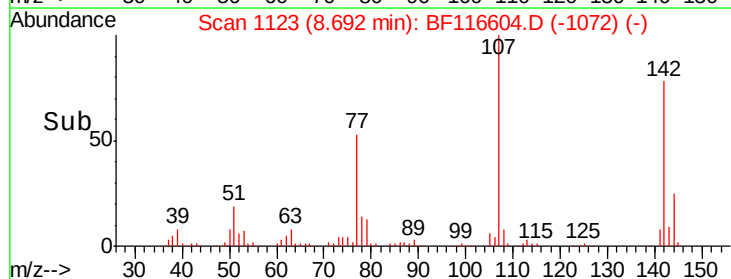
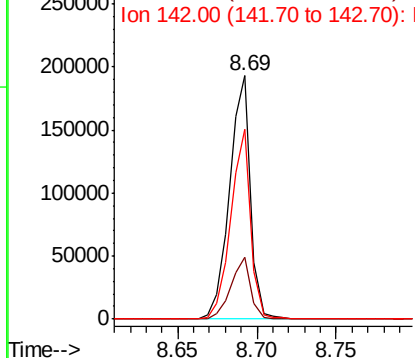


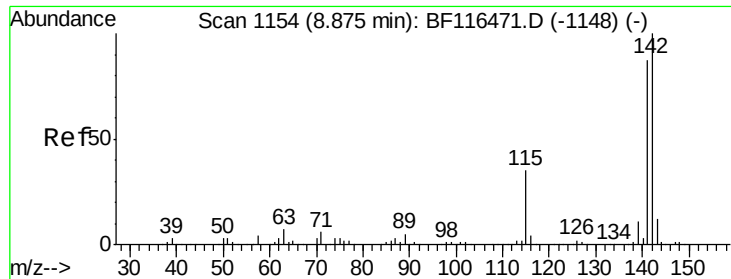
#36
4-Chloro-3-methylphenol
Concen: 41.171 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:107 Resp: 175882
Ion Ratio Lower Upper
107 100
144 25.3 20.6 30.8
142 78.0 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

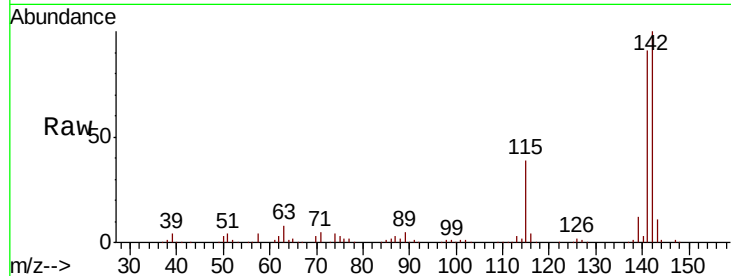




#37
2-Methylnaphthalene
Concen: 40.099 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.5	104.3
115	38.6	26.0	39.0

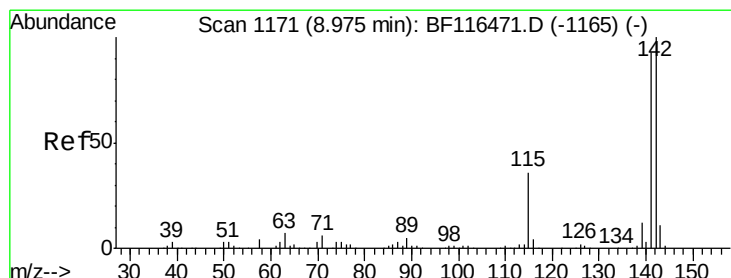
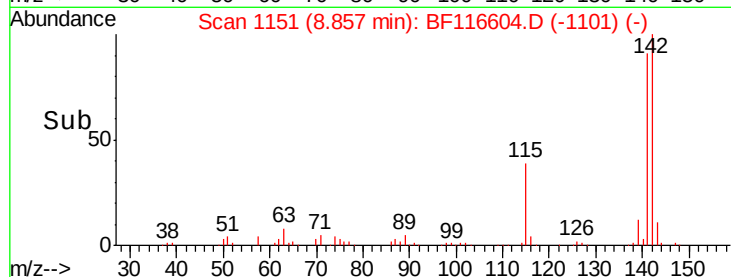
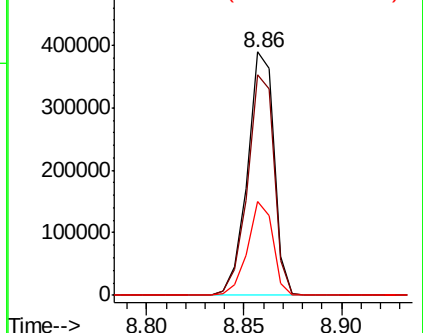


Abundance

Ion 142.00 (141.70 to 142.70): E

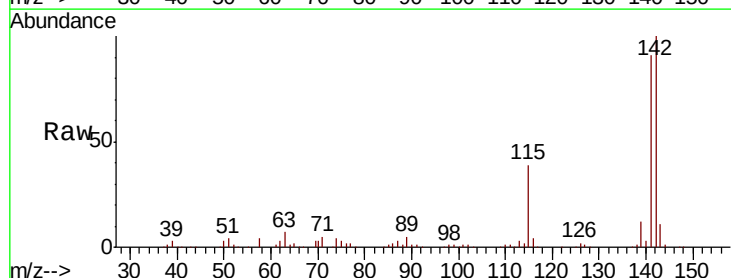
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.868 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	4.1	2.7	4.1#

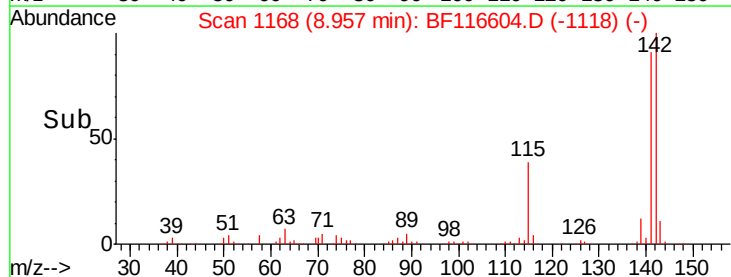
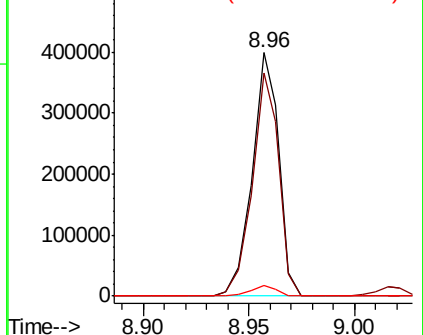


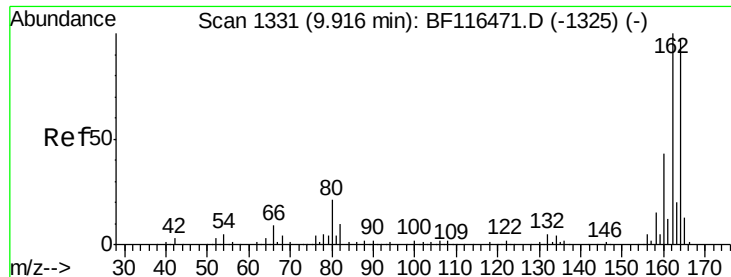
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

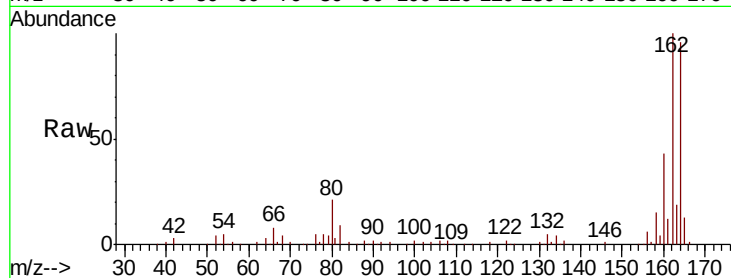
Tot Ion:164 Resp: 147400

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

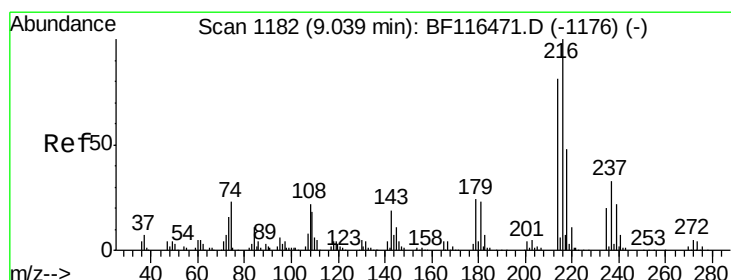
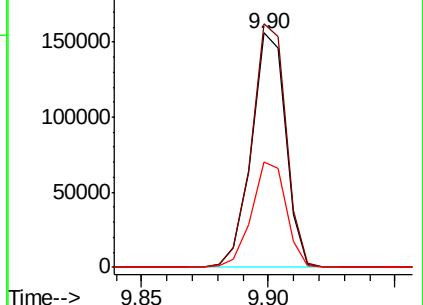
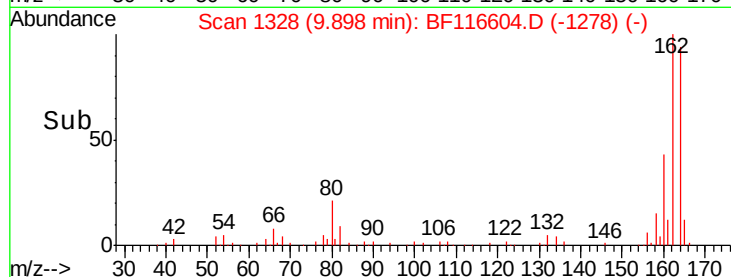
160 44.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.956 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Tgt Ion:216 Resp: 170351

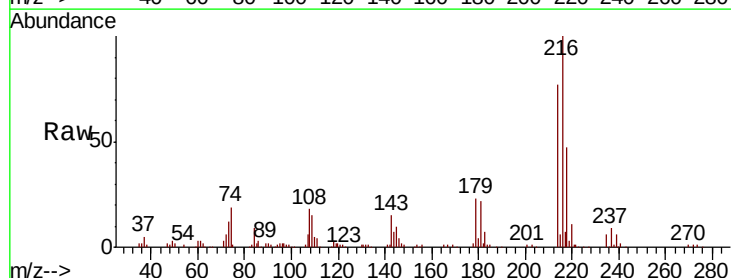
Ion Ratio Lower Upper

216 100

214 79.0 63.3 94.9

179 23.3 17.9 26.9

108 21.1 16.0 24.0

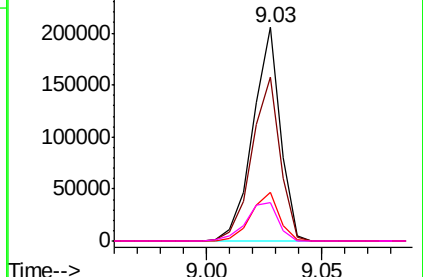
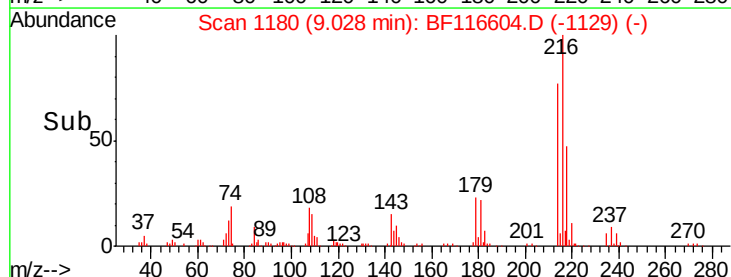


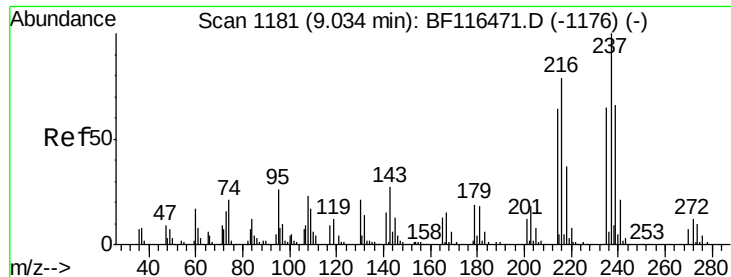
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.414 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

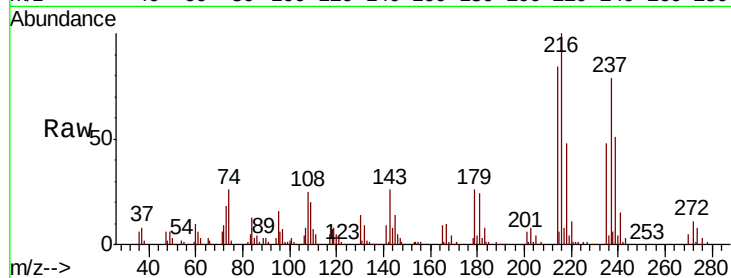
Tot Ion:237 Resp: 96898

Ion Ratio Lower Upper

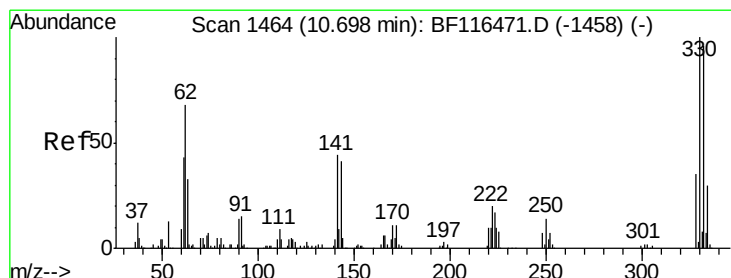
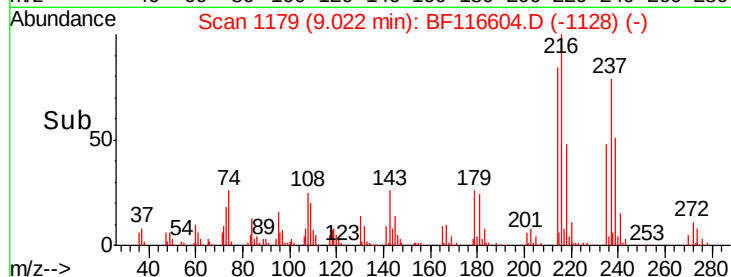
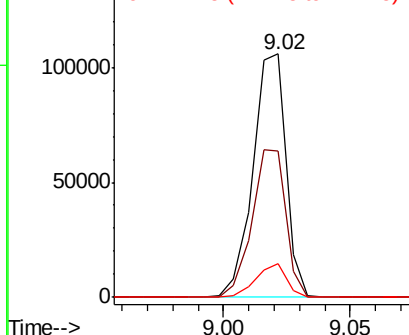
237 100

235 60.1 42.9 82.9

272 13.8 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.645 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

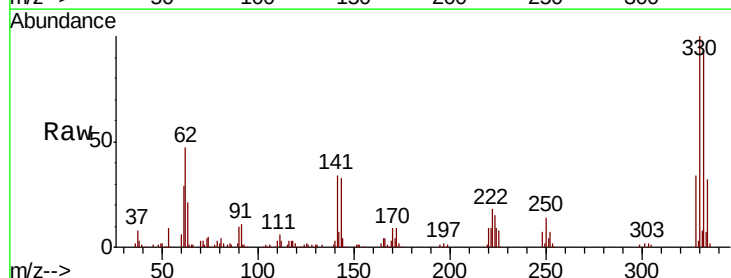
Tgt Ion:330 Resp: 119790

Ion Ratio Lower Upper

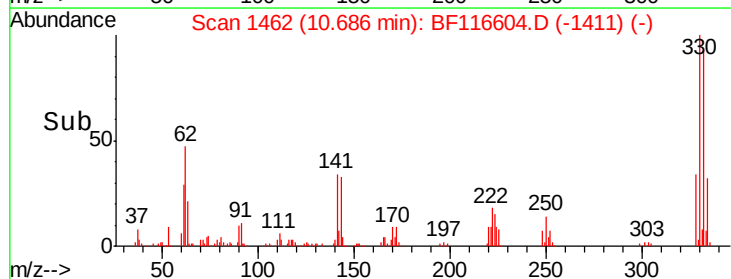
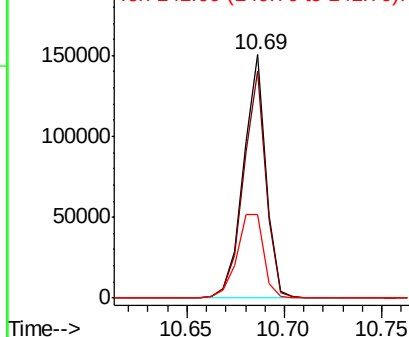
330 100

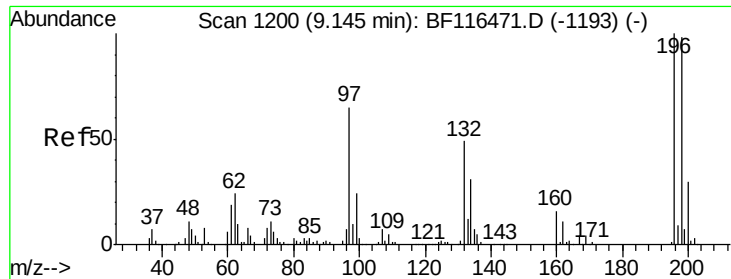
332 93.7 77.5 116.3

141 40.9 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

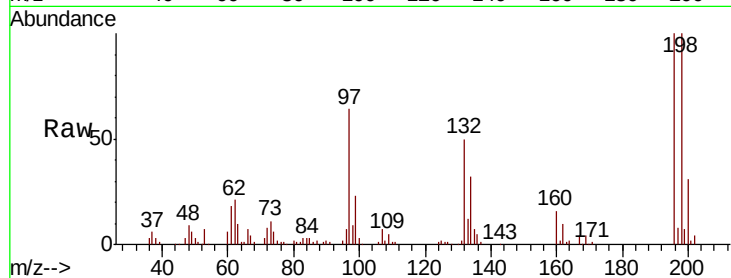




#43
 2,4,6-Trichlorophenol
 Concen: 41.567 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.8	76.8	115.2
200	31.3	25.0	37.6

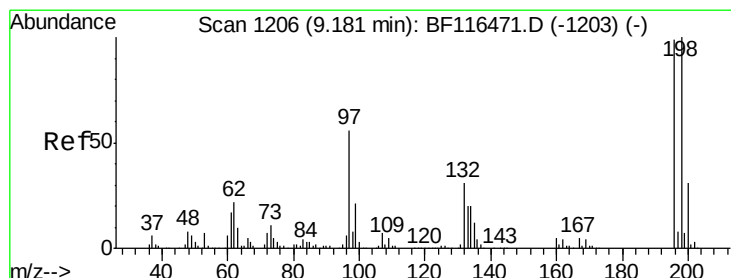
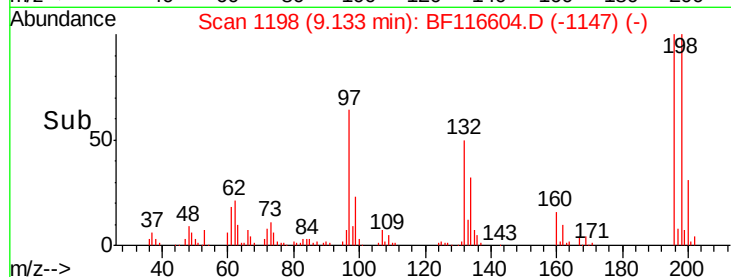
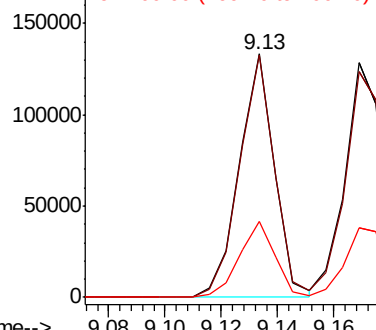


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.988 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	82.0	123.0
97	59.3	37.0	55.6#
132	31.8	22.2	33.2

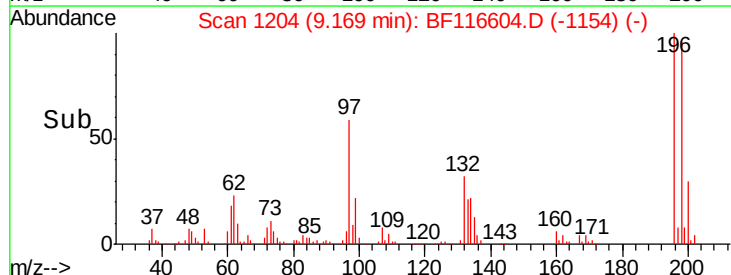
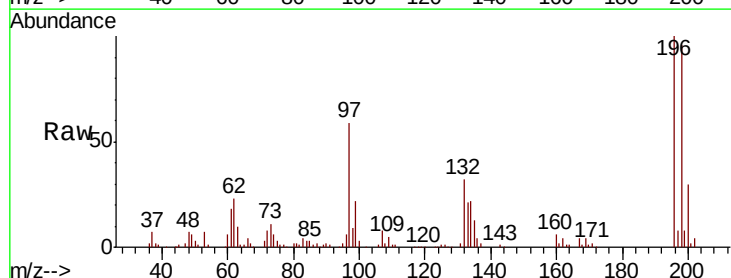
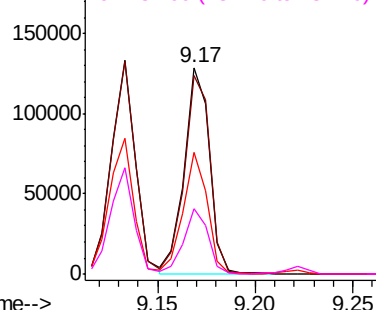
Abundance

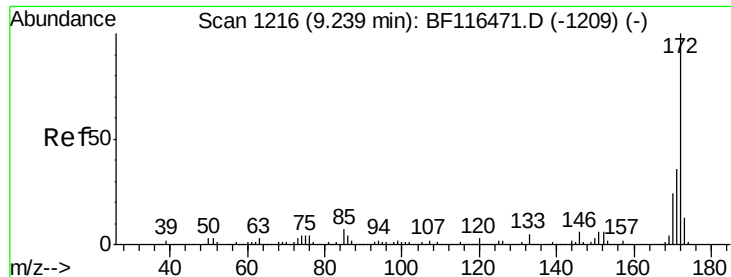
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

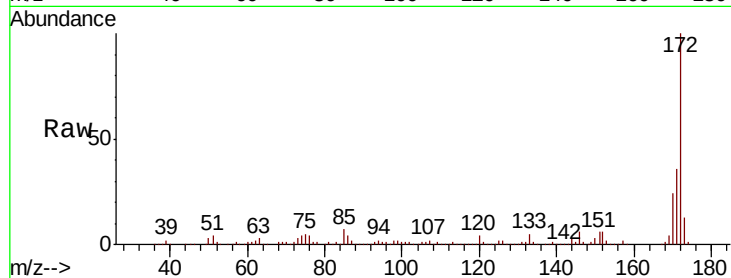




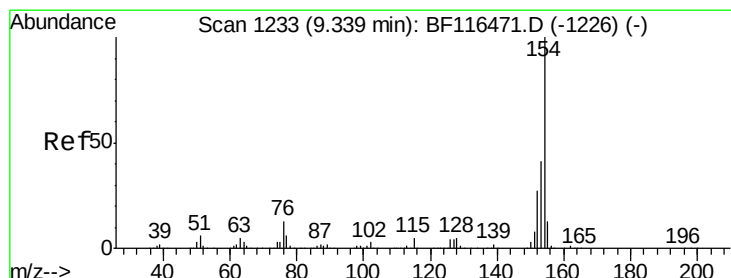
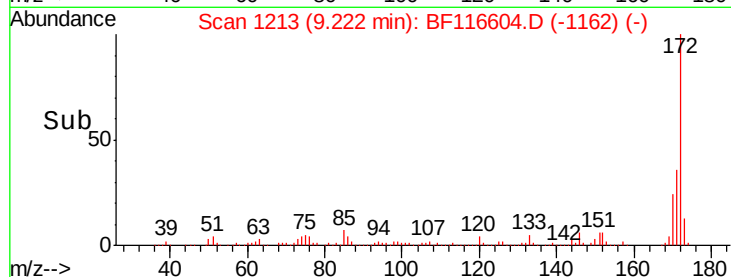
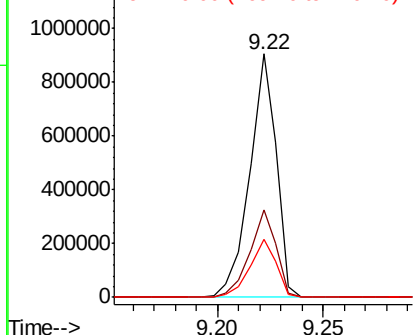
#45
2-Fluorobiphenyl
Concen: 86.513 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.8	19.3	28.9

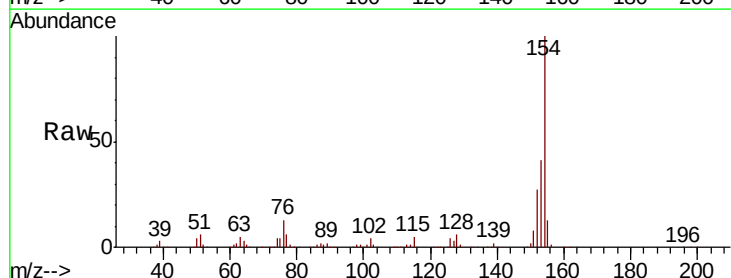


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

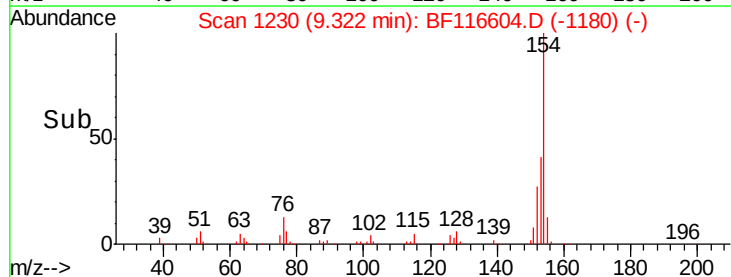
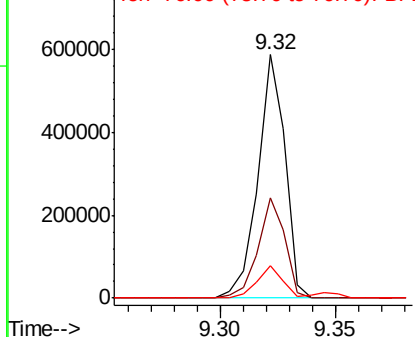


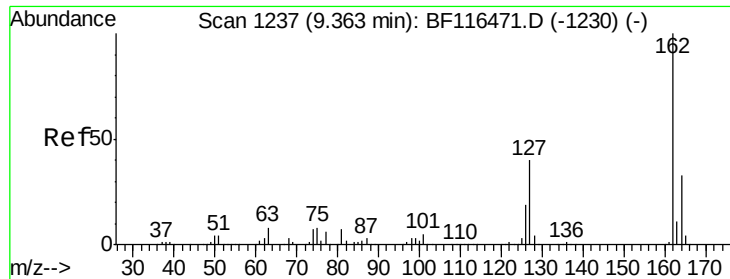
#46
1,1'-Biphenyl
Concen: 40.904 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	13.3	0.0	31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

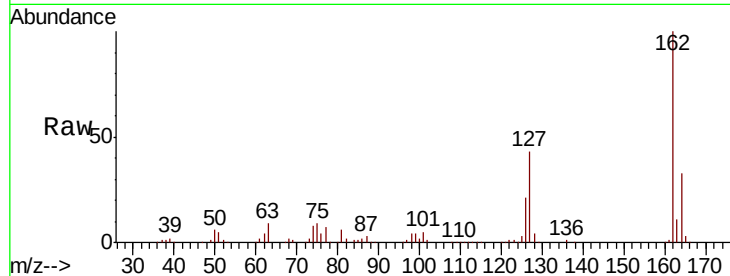




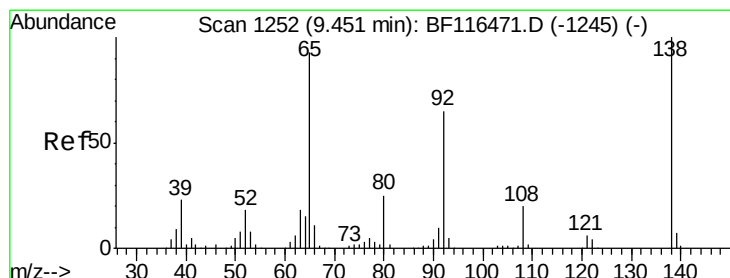
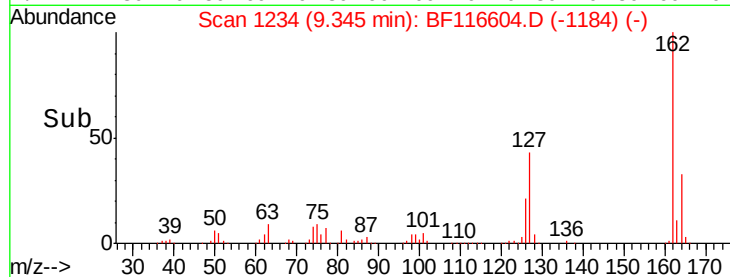
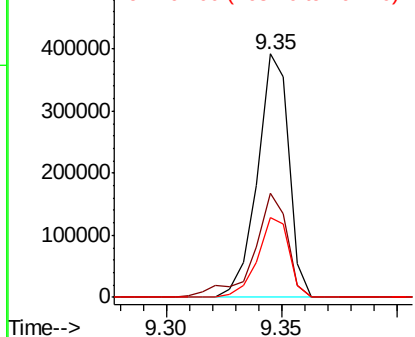
#47
2-Chloronaphthalene
Concen: 40.677 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 371633
Ion Ratio Lower Upper
162 100
127 42.7 31.1 46.7
164 32.9 26.8 40.2

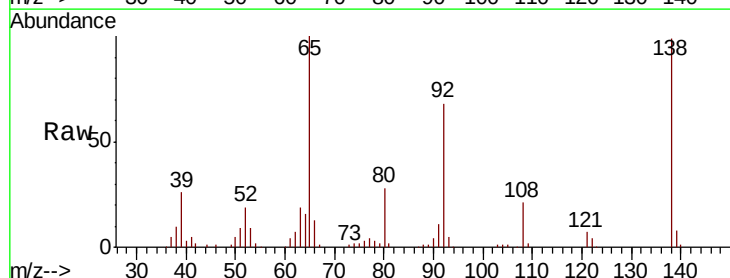


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

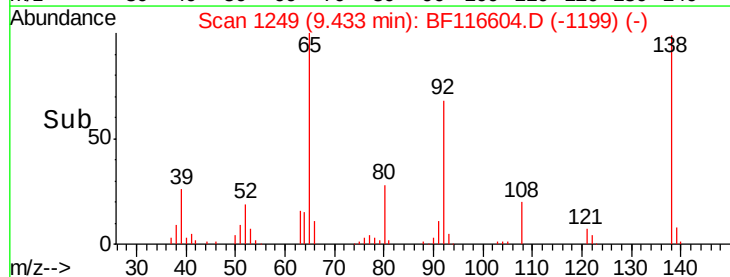
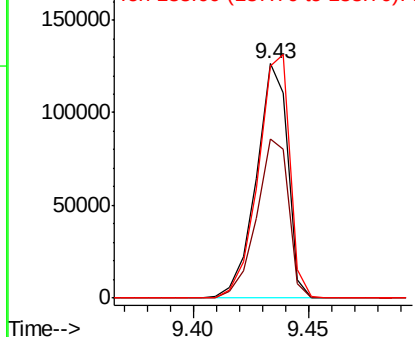


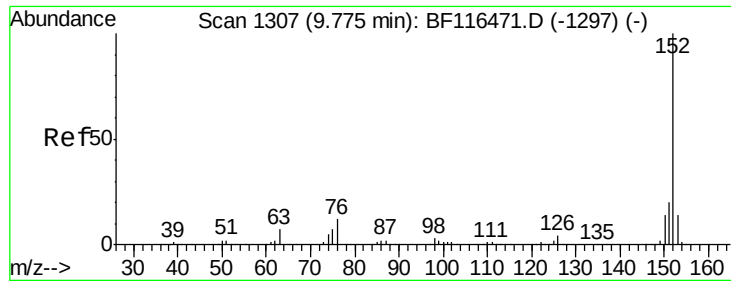
#48
2-Nitroaniline
Concen: 43.003 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion: 65 Resp: 120297
Ion Ratio Lower Upper
65 100
92 67.7 58.2 87.2
138 99.0 96.6 144.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.648 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

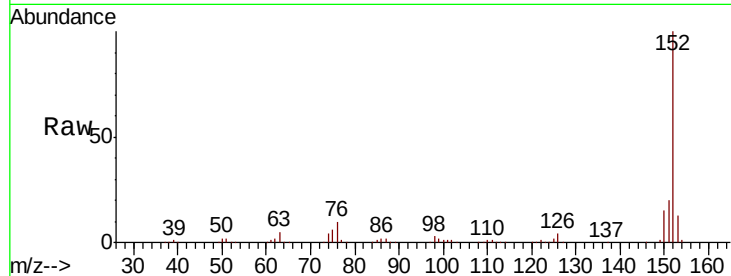
Tot Ion:152 Resp: 556699

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

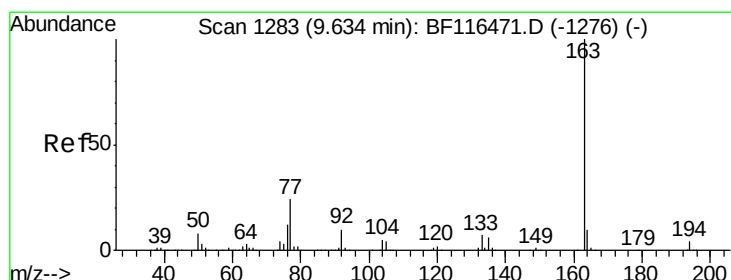
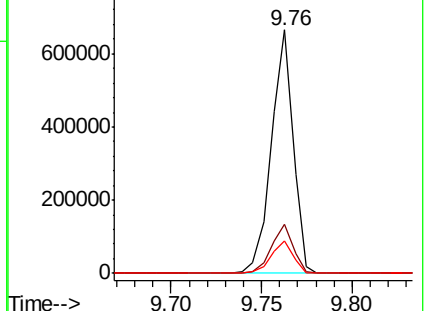
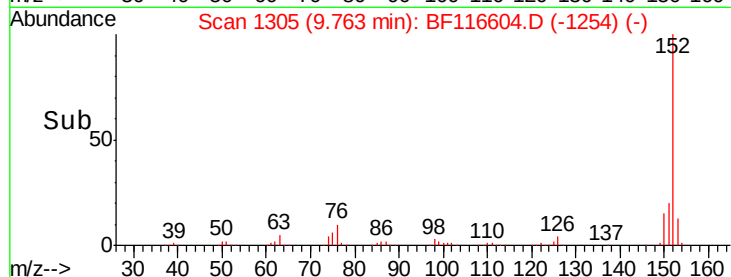
153 13.3 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.365 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

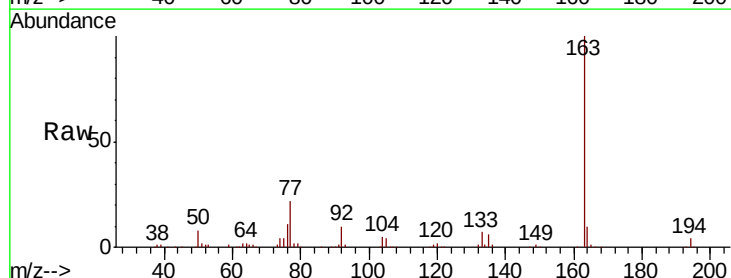
Tgt Ion:163 Resp: 425400

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

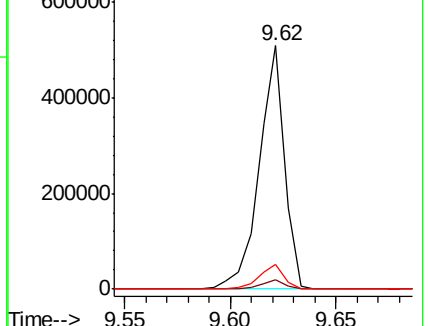
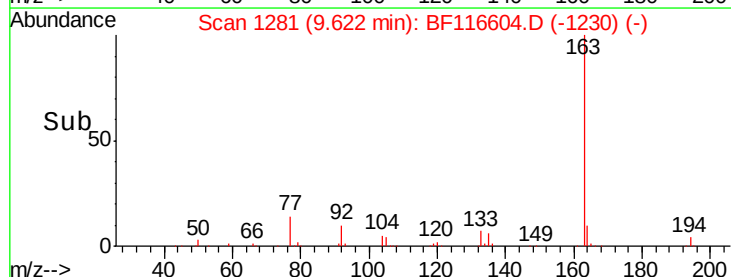
164 10.0 8.2 12.2

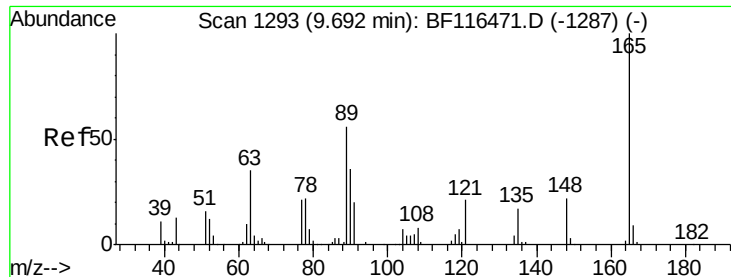


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.874 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampled :

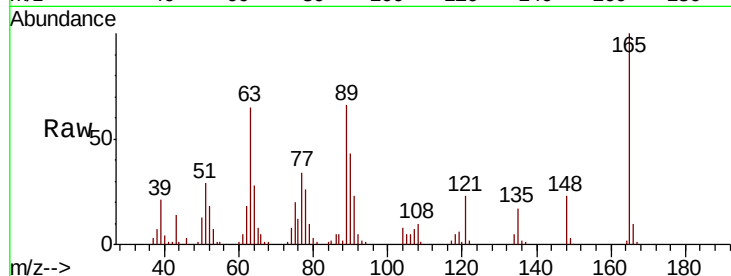
Tot Ion:165 Resp: 90251

Ion Ratio Lower Upper

165 100

63 64.7 37.2 55.8#

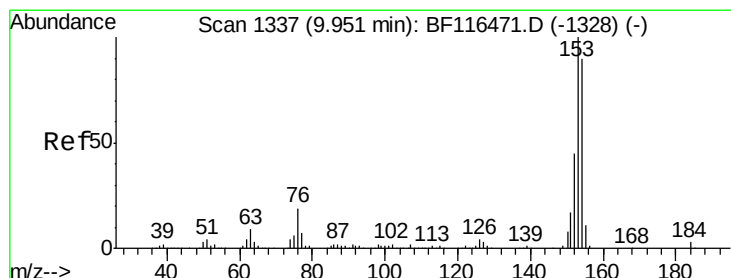
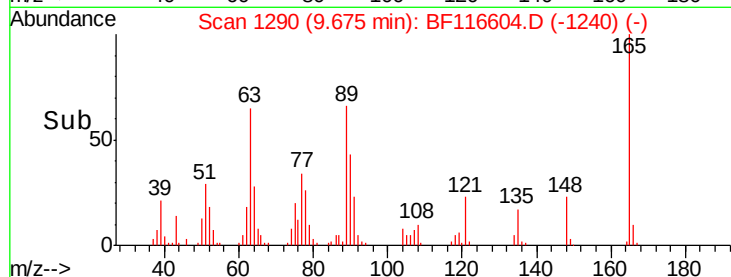
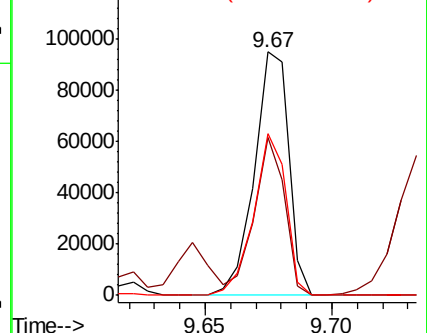
89 66.4 40.8 61.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.901 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

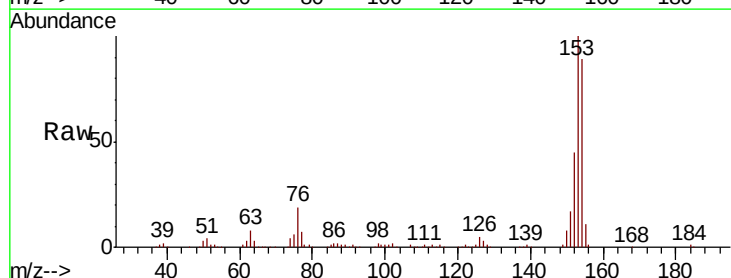
Tgt Ion:154 Resp: 359391

Ion Ratio Lower Upper

154 100

153 112.2 86.6 129.8

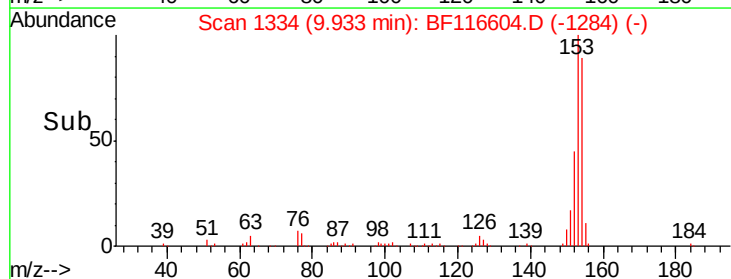
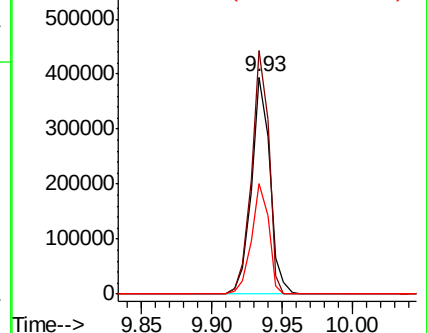
152 51.0 39.4 59.0

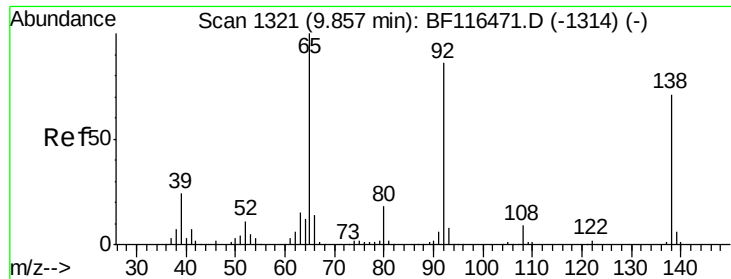


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

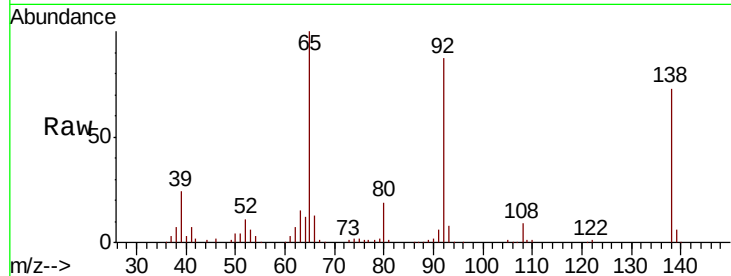




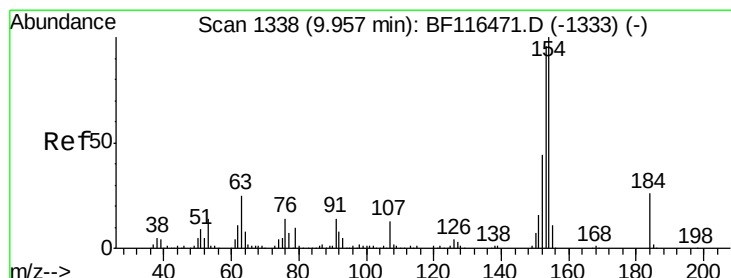
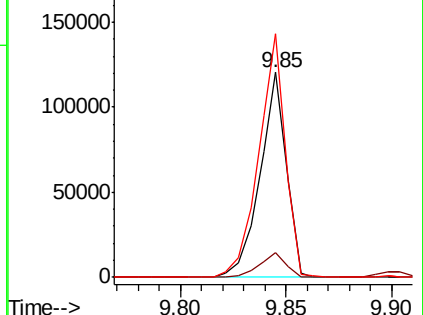
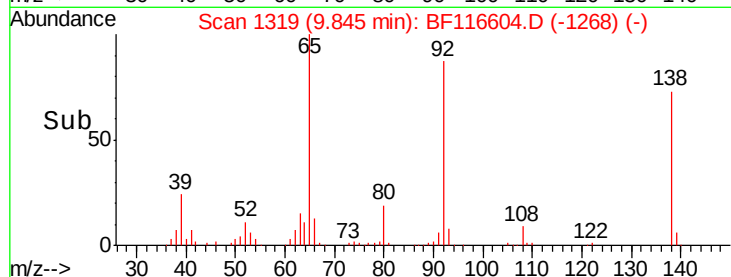
#53
 3-Nitroaniline
 Concen: 41.566 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 104296
 Ion Ratio Lower Upper
 138 100
 108 11.9 8.5 12.7
 92 118.8 91.6 137.4

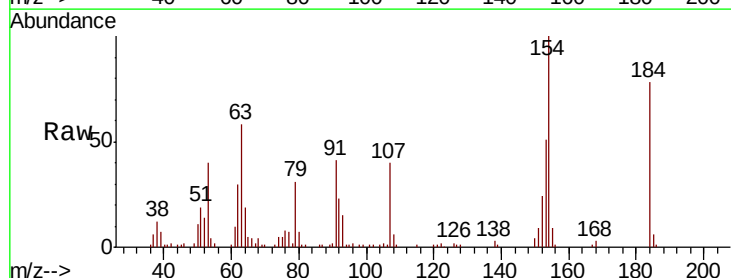


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

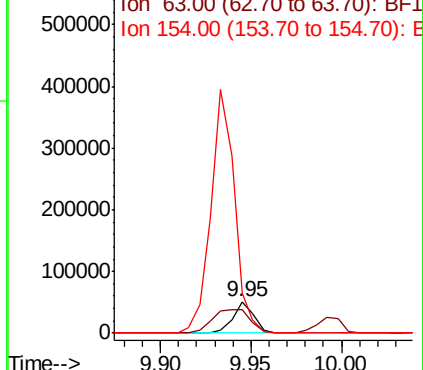
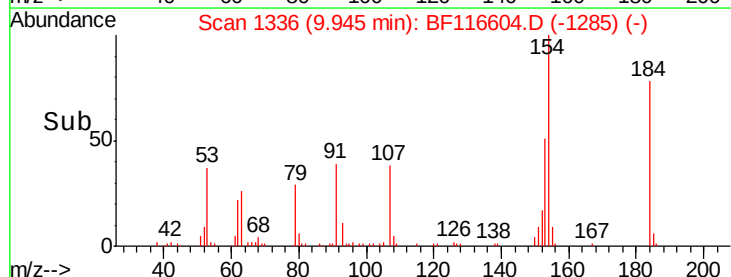


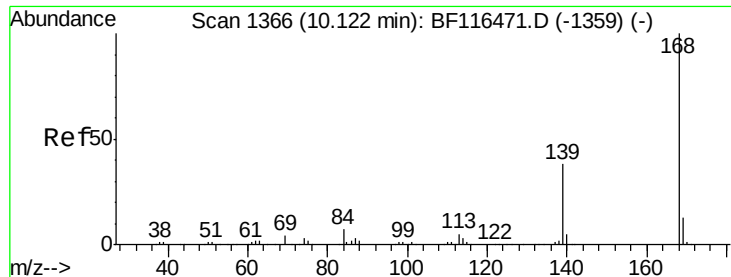
#54
 2,4-Dinitrophenol
 Concen: 61.718 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:184 Resp: 40848
 Ion Ratio Lower Upper
 184 100
 63 73.8 62.7 94.1
 154 127.8 150.0 225.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

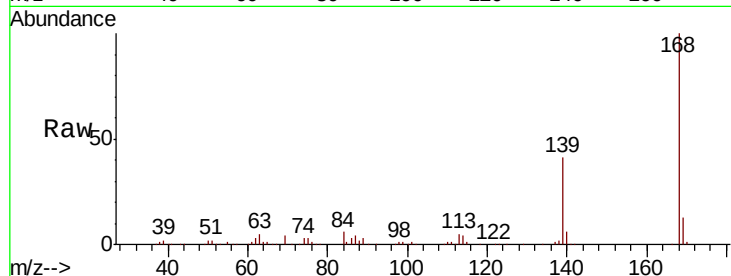




#55
Dibenzenofuran
Concen: 42.063 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	31.3	46.9
169	13.3	11.3	16.9

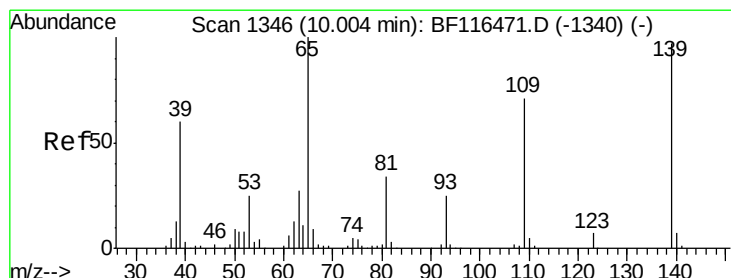
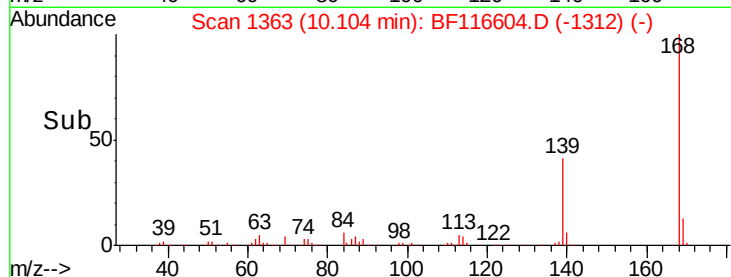
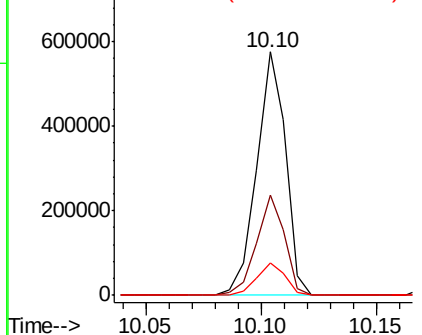


Abundance

Ion 168.00 (167.70 to 168.70): E

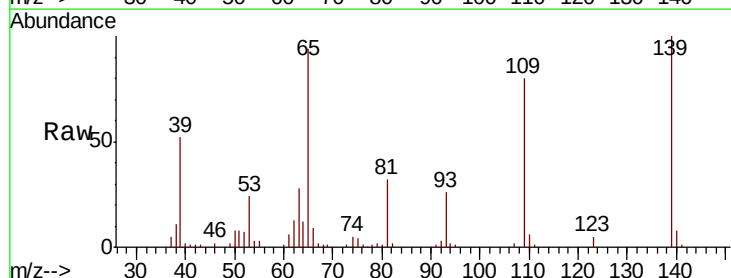
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 40.435 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.7	45.5	85.5
65	93.9	66.8	106.8

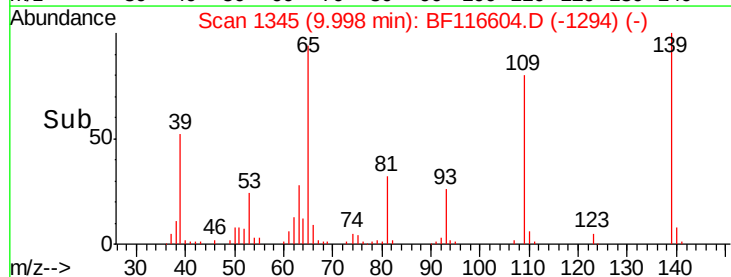
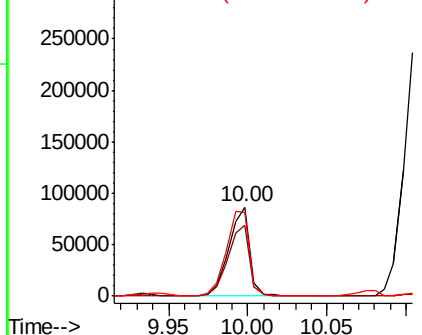


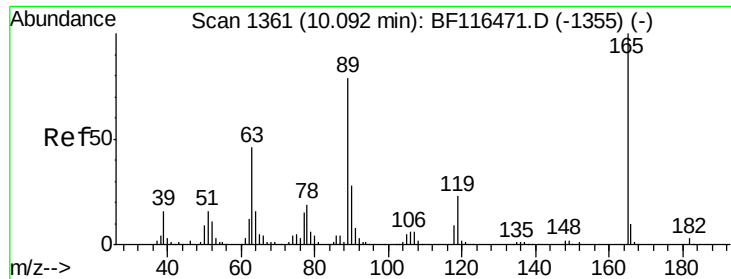
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

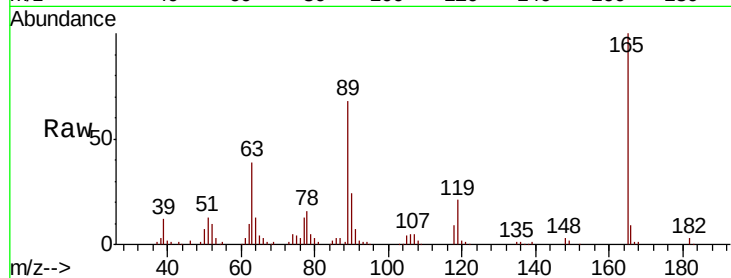




#57
2,4-Dinitrotoluene
Concen: 44.400 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	118927
Ion	Ratio	Lower	Upper
165	100		
63	39.3	30.9	46.3
89	67.9	55.0	82.6
182	2.6	2.2	3.2



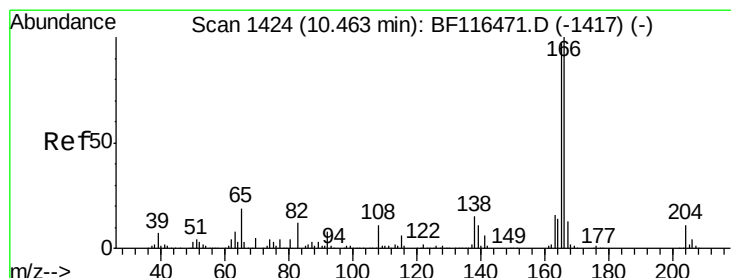
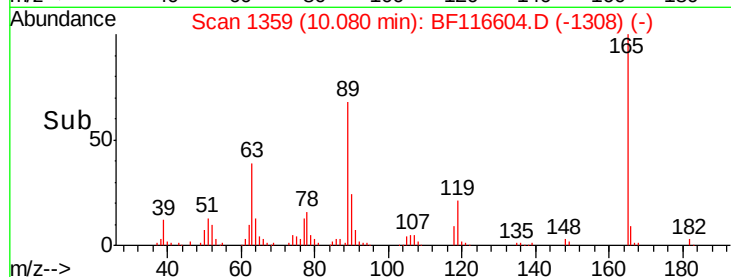
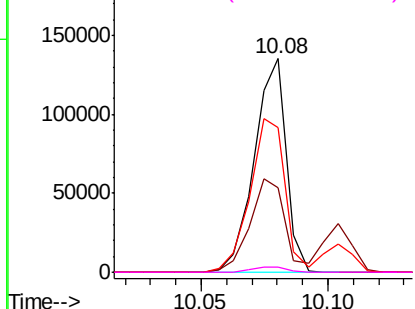
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

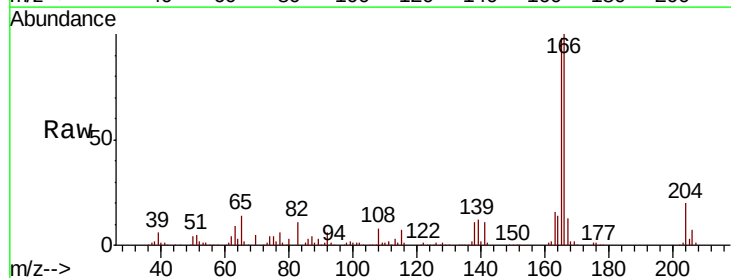
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.060 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	166	Resp:	390703
Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	13.2	10.6	16.0

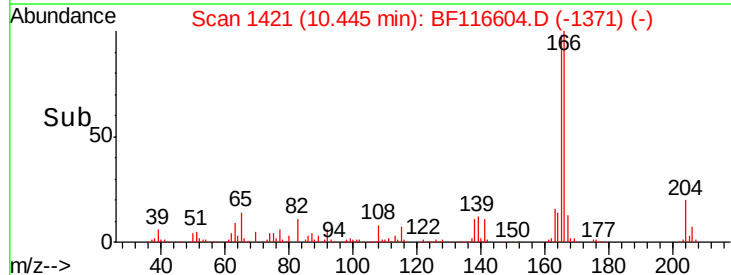
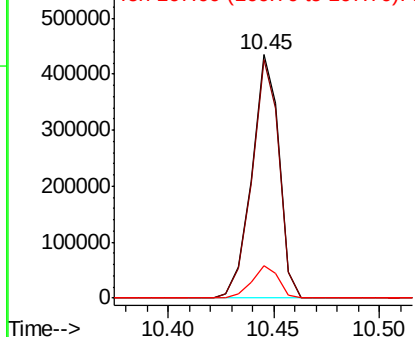


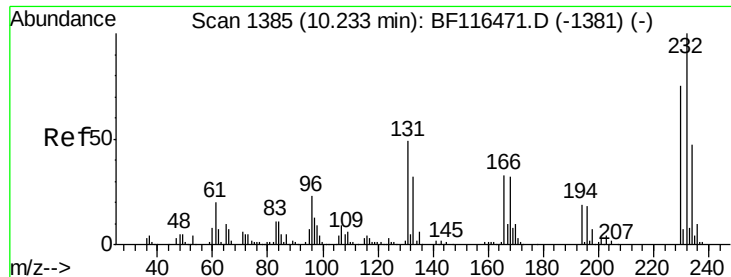
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.500 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 98552

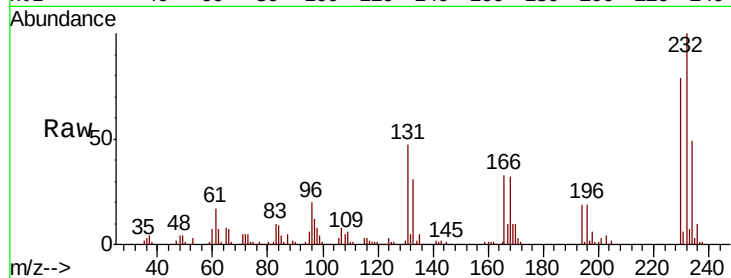
Ion Ratio Lower Upper

232 100

131 52.2 37.7 56.5

130 2.6 1.8 2.6

166 33.9 25.5 38.3

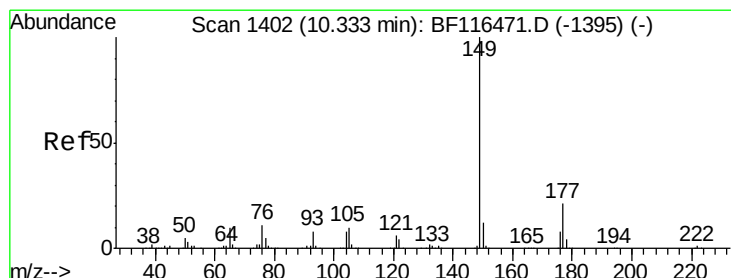
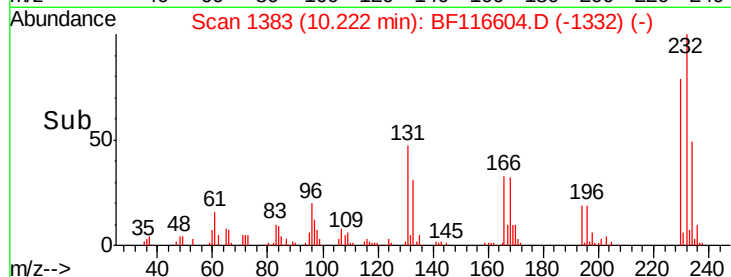
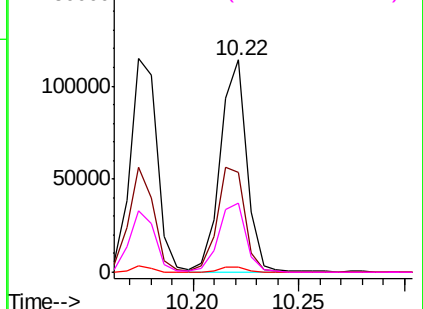


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.002 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

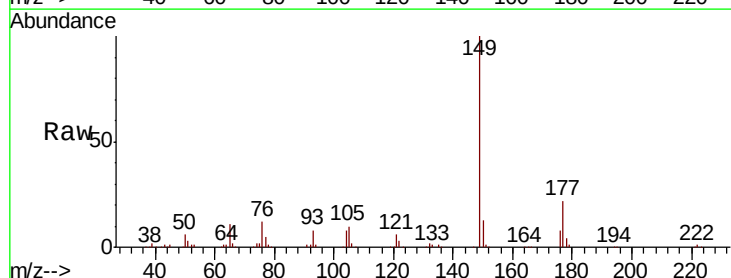
Tgt Ion:149 Resp: 424559

Ion Ratio Lower Upper

149 100

177 21.7 18.2 27.4

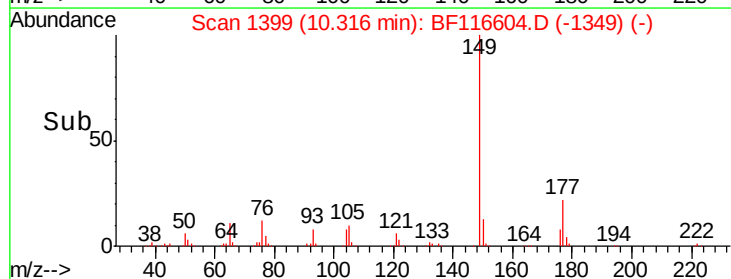
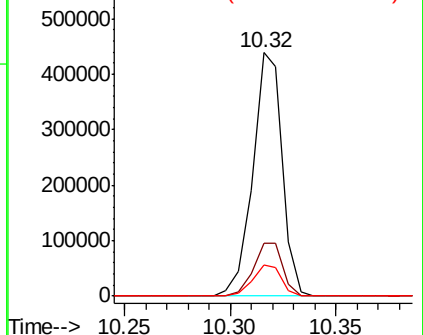
150 12.8 10.1 15.1

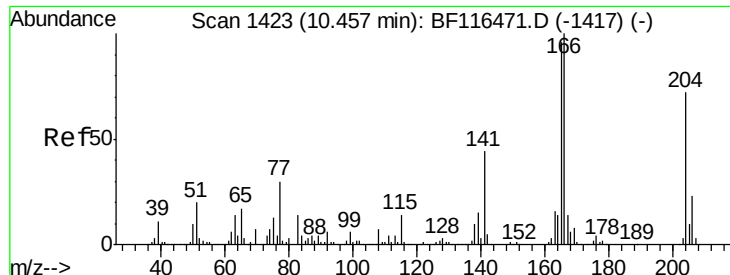


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

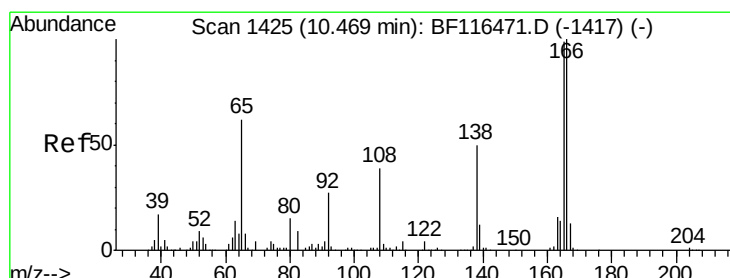
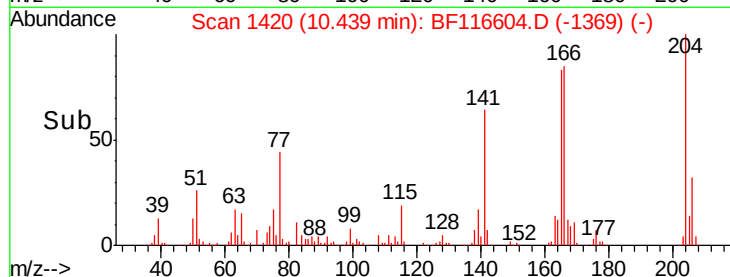
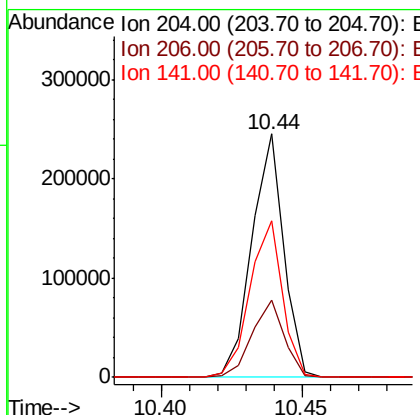
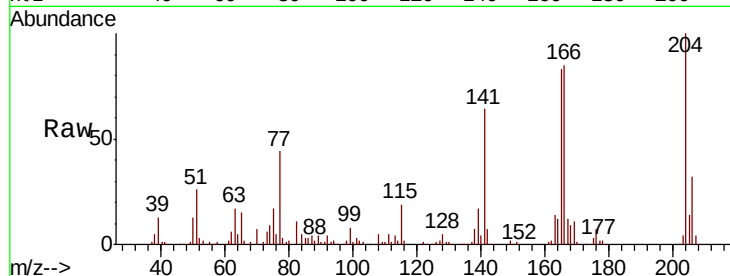




#61
 4-Chlorophenyl-phenylether
 Concen: 42.363 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

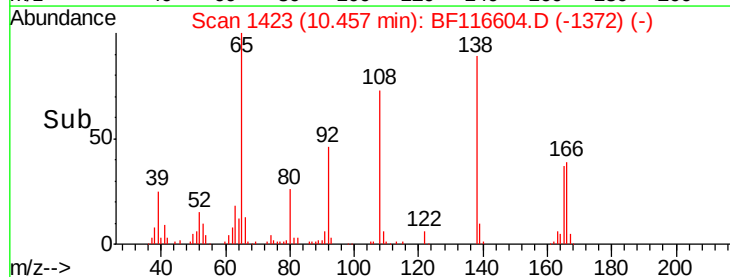
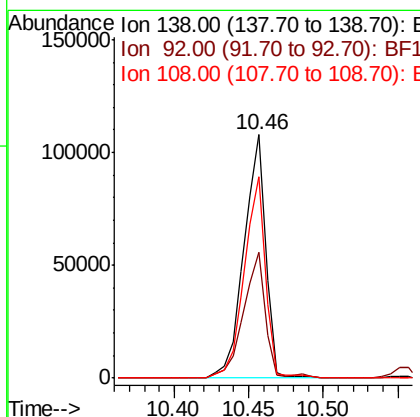
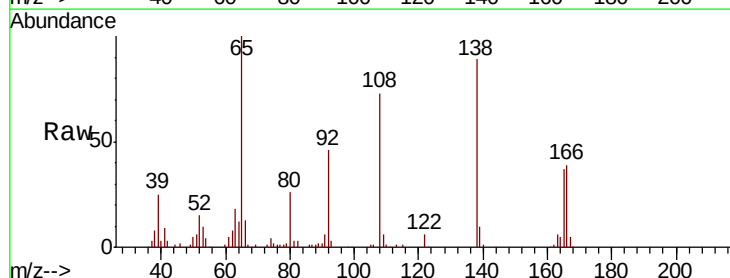
Instrument :
 BNA_F
 ClientSampleId :

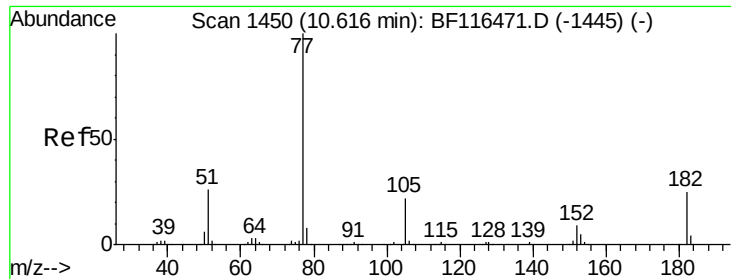
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.0	39.0
141	64.4	47.9	71.9



#62
 4-Nitroaniline
 Concen: 44.402 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	28.9	68.9
108	82.5	49.3	89.3





#63

Azobenzene

Concen: 41.236 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 428561

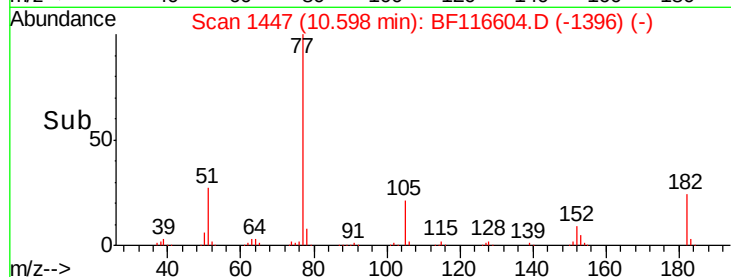
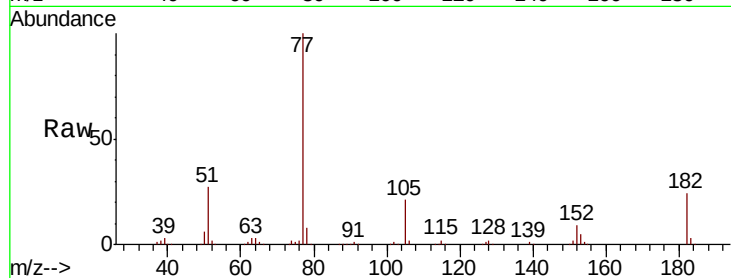
Ion Ratio Lower Upper

77 100

182 23.9 3.8 43.8

105 21.3 1.6 41.6

51 26.9 6.1 46.1



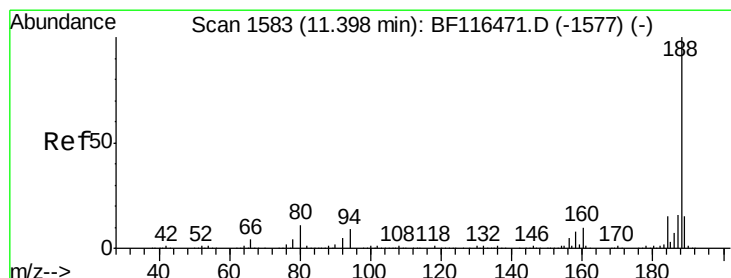
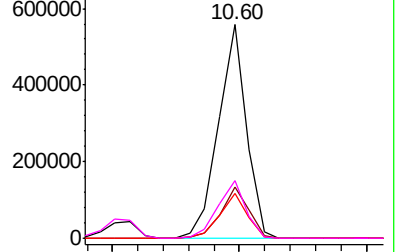
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

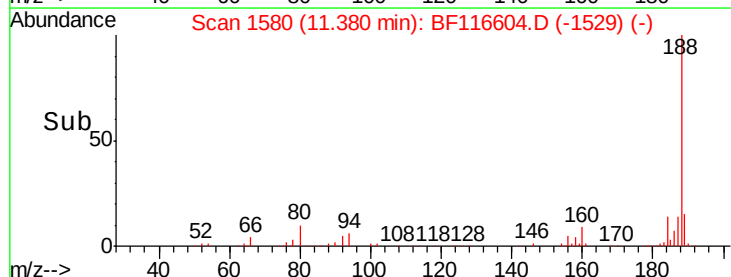
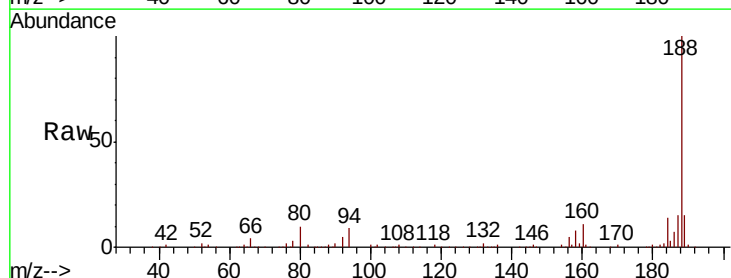
Tgt Ion: 188 Resp: 259724

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

80 9.8 8.9 13.3

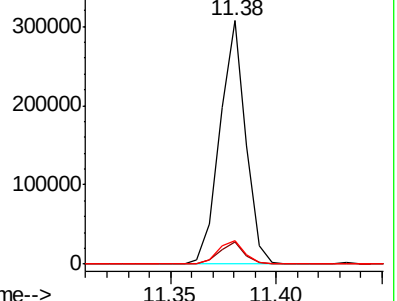


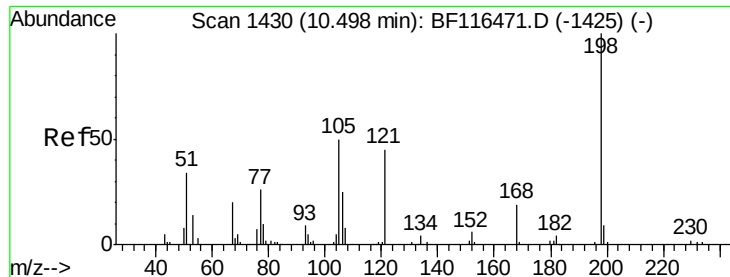
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

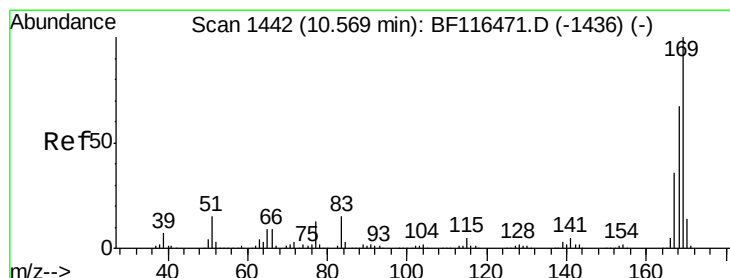
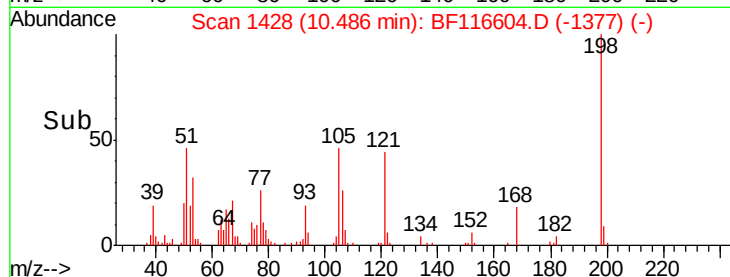
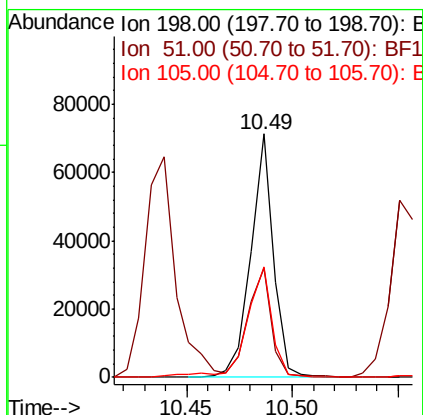
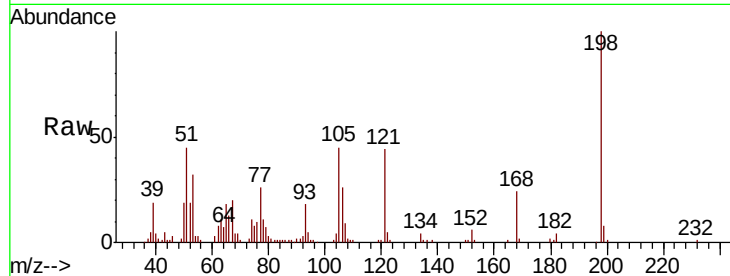




#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.305 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

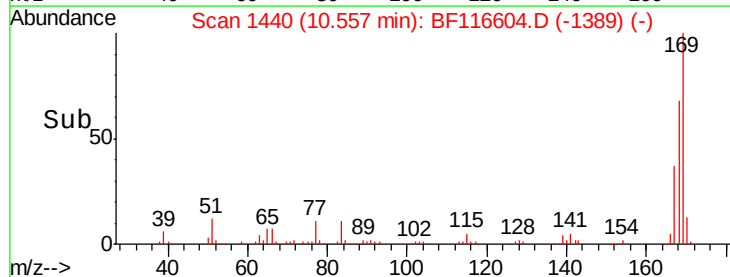
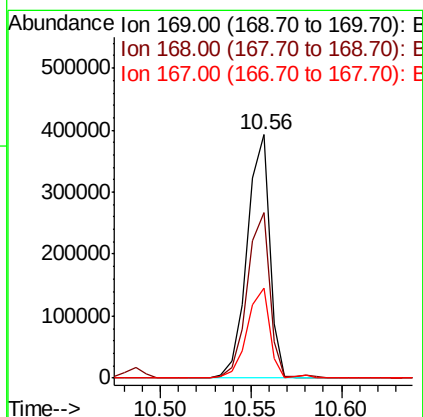
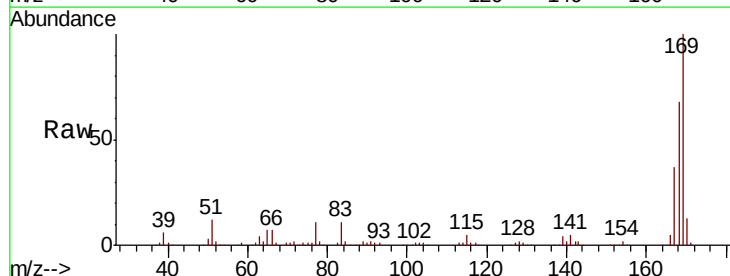
Instrument :
 BNA_F
 ClientSampled :

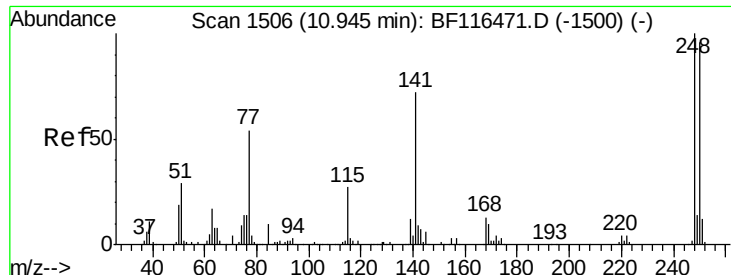
Tot Ion	198	Resp	53426
Ion Ratio	100	Lower	Upper
51	44.9	21.9	61.9
105	45.4	25.2	65.2



#66
 n-Nitrosodiphenylamine
 Concen: 40.269 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	169	Resp	338655
Ion Ratio	100	Lower	Upper
168	67.8	53.8	80.8
167	36.8	29.3	43.9

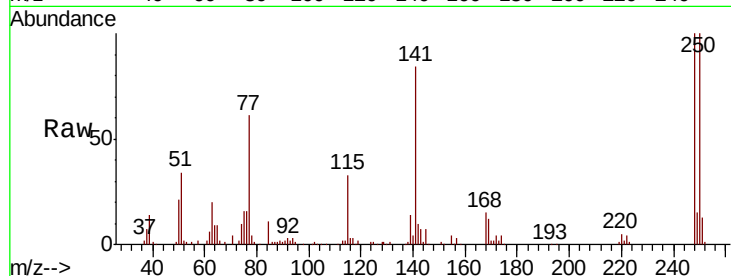




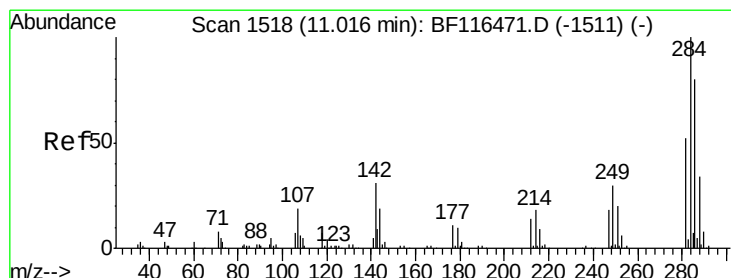
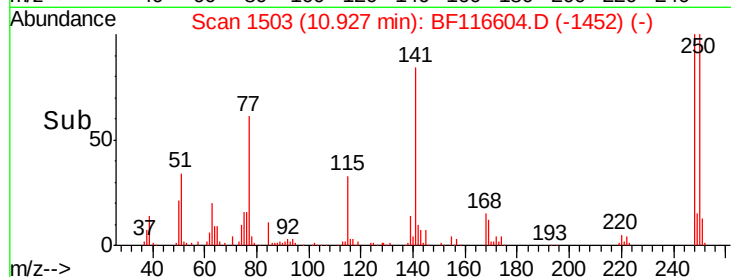
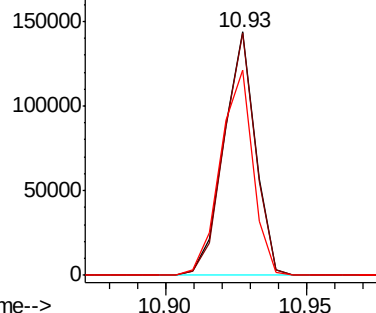
#67
 4-Bromophenyl-phenylether
 Concen: 40.952 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 111510
 Ion Ratio Lower Upper
 248 100
 250 99.7 76.6 115.0
 141 84.4 60.8 91.2

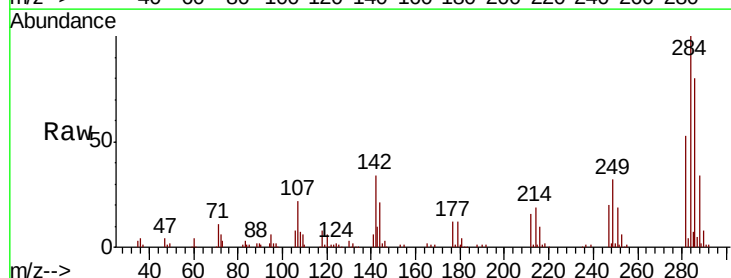


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

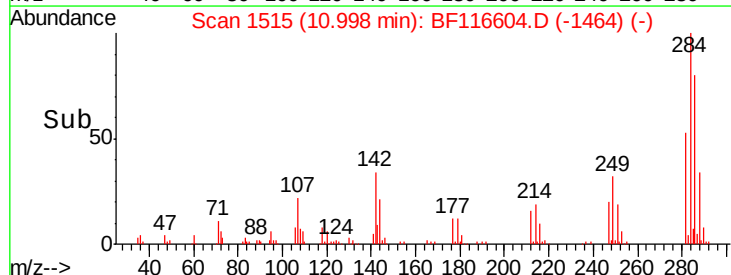
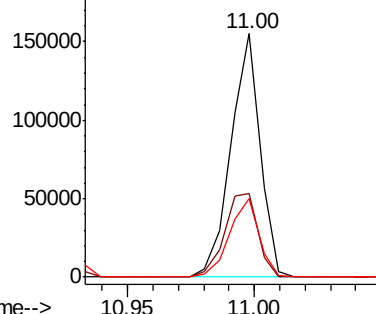


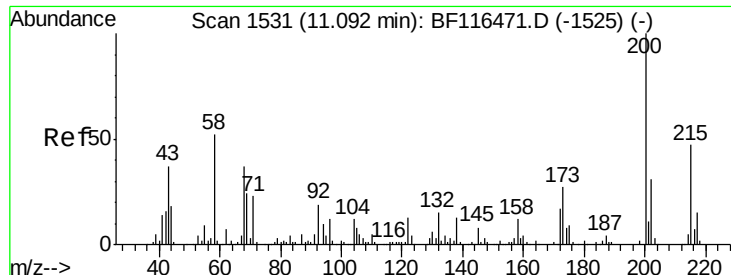
#68
 Hexachlorobenzene
 Concen: 41.554 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:284 Resp: 125146
 Ion Ratio Lower Upper
 284 100
 142 34.4 27.8 41.8
 249 32.2 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

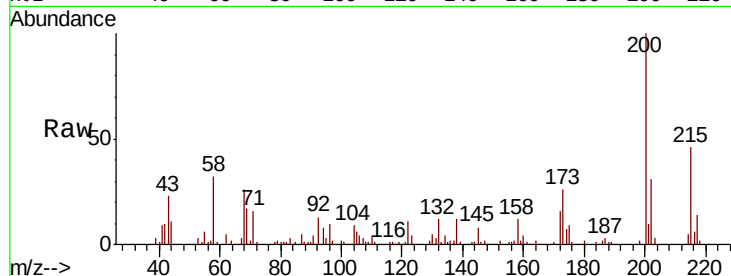




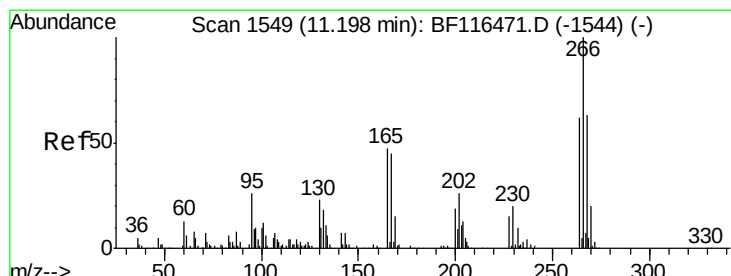
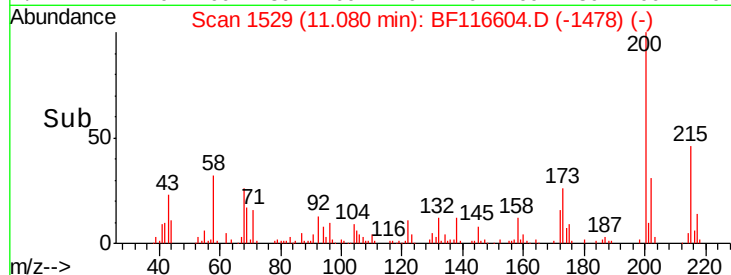
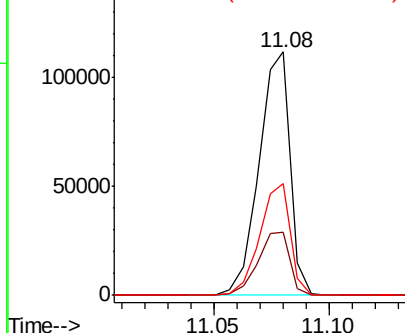
#69
 Atrazine
 Concen: 41.497 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.8	46.8
215	45.9	28.5	68.5

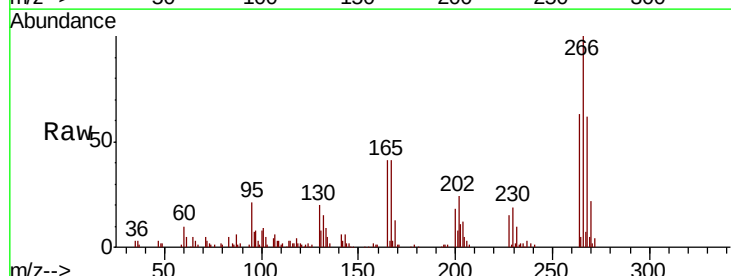


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

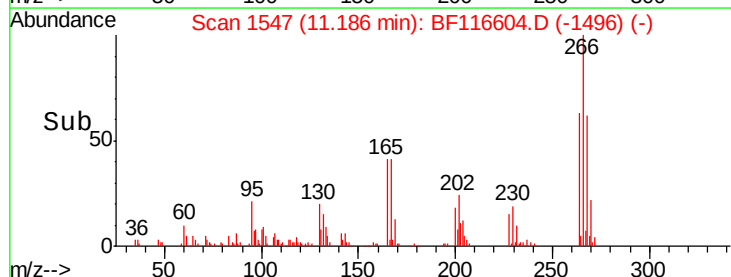
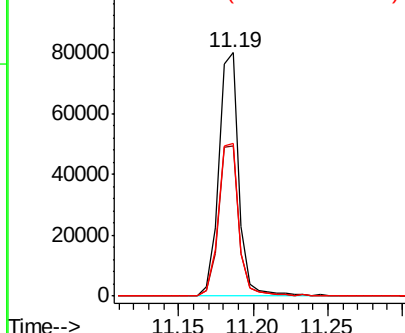


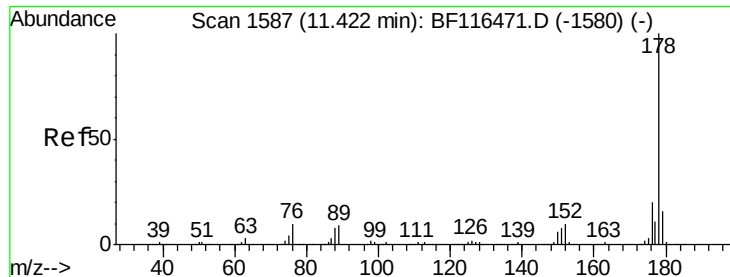
#70
 Pentachlorophenol
 Concen: 43.189 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	49.8	74.8
264	62.7	49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.625 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampled :

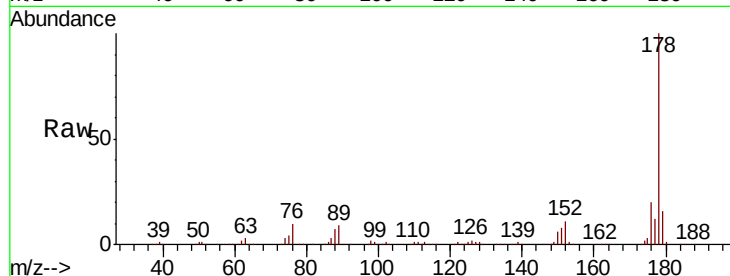
Tot Ion:178 Resp: 588933

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

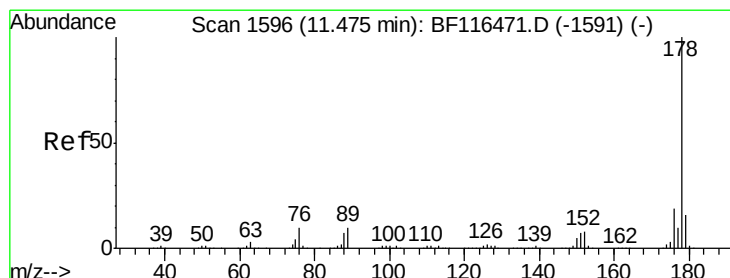
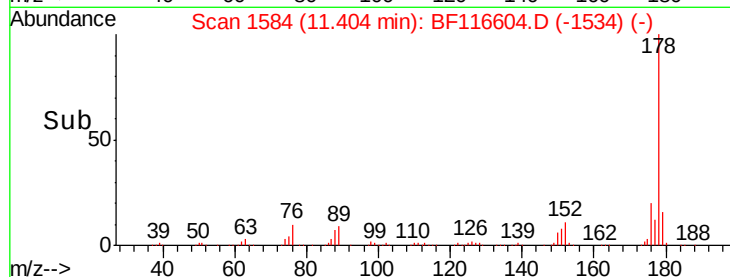
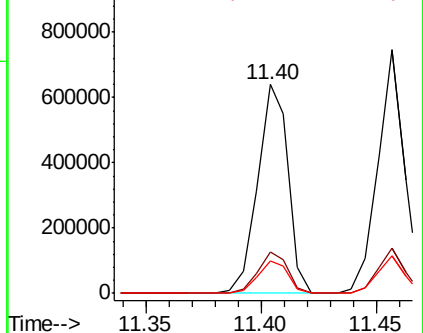
179 15.6 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.248 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

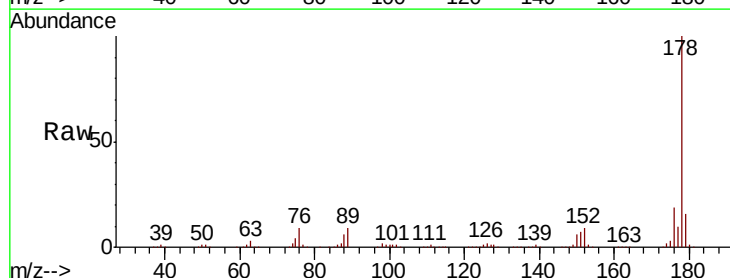
Tgt Ion:178 Resp: 586441

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

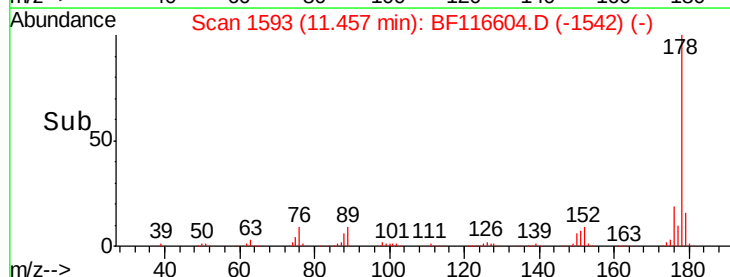
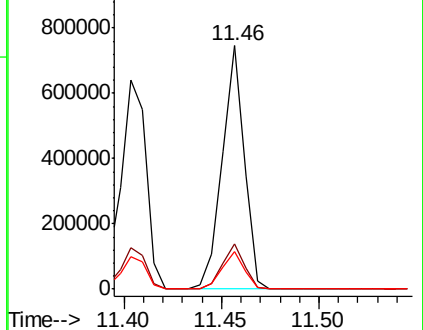
179 15.6 12.7 19.1

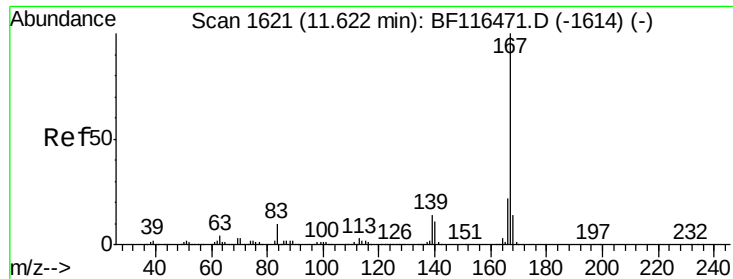


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.295 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

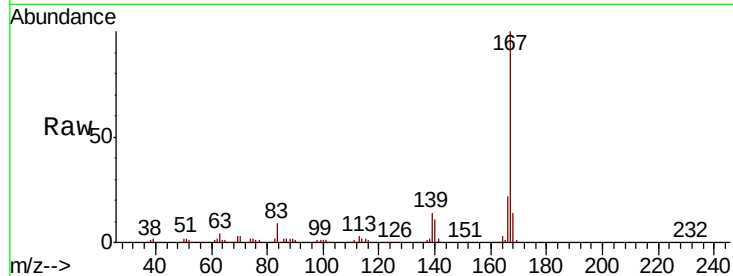
Tot Ion:167 Resp: 527001

Ion Ratio Lower Upper

167 100

166 21.8 17.9 26.9

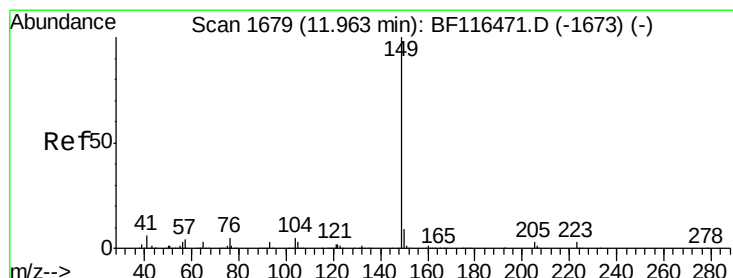
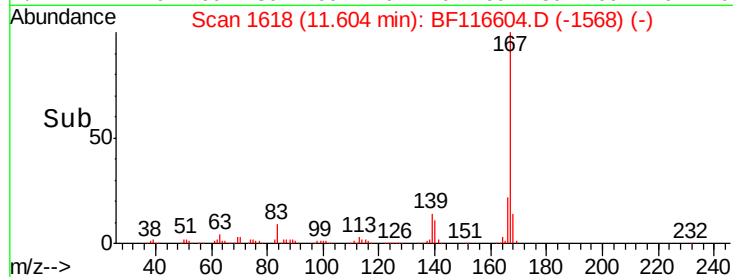
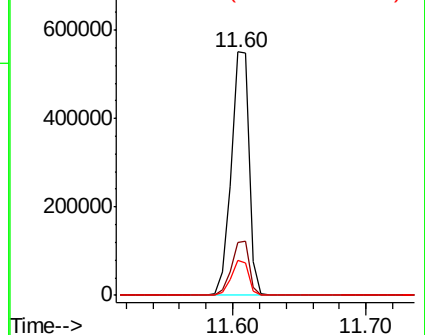
139 14.2 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.030 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

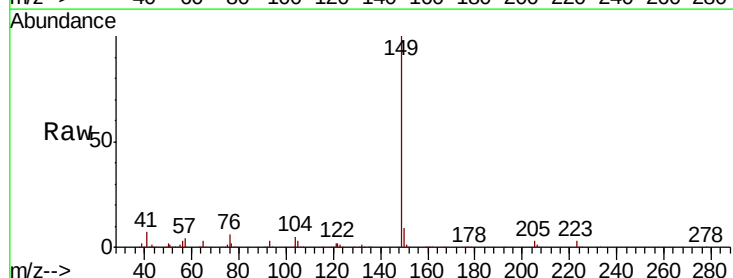
Tgt Ion:149 Resp: 664666

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

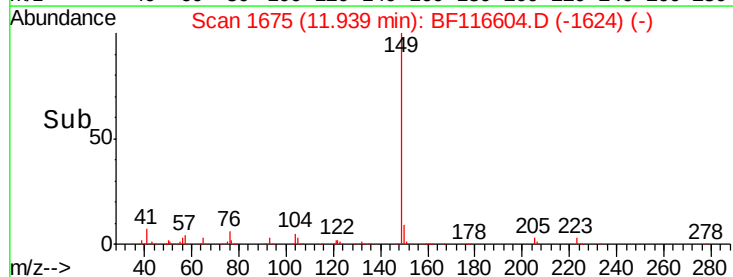
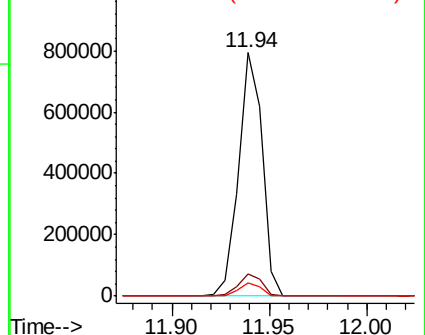
104 5.5 4.2 6.4

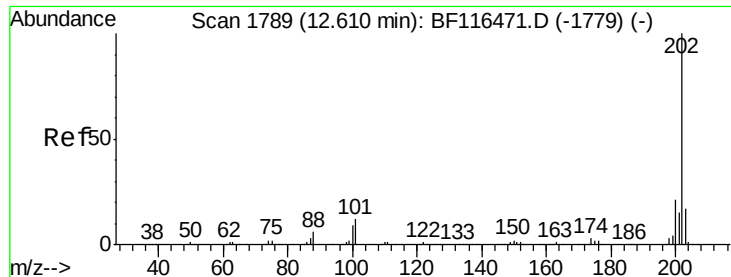


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

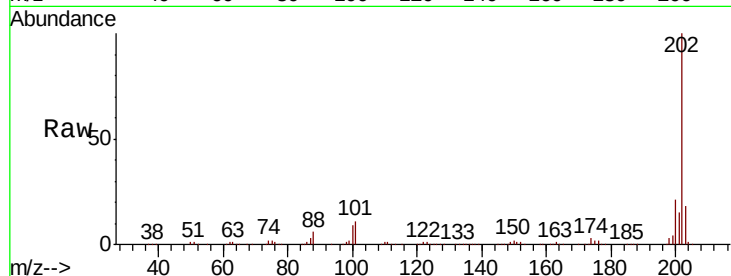




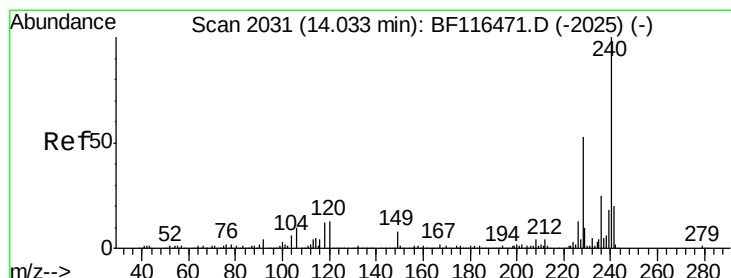
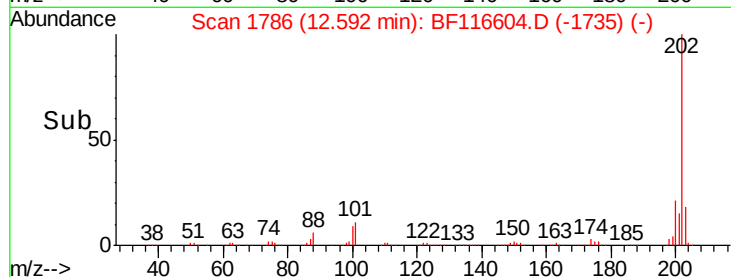
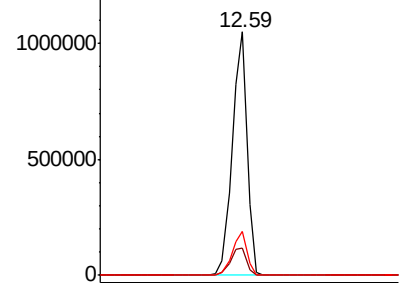
#75
 Fluoranthene
 Concen: 63.633 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.8
203	17.9	0.0	37.1

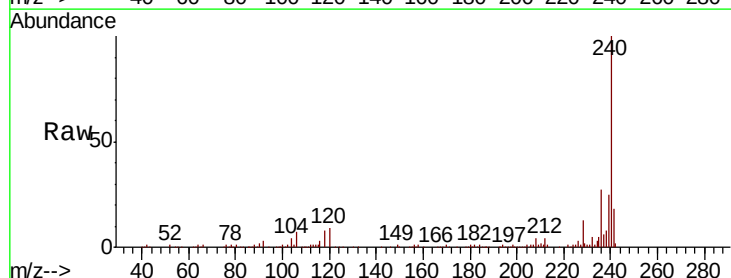


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

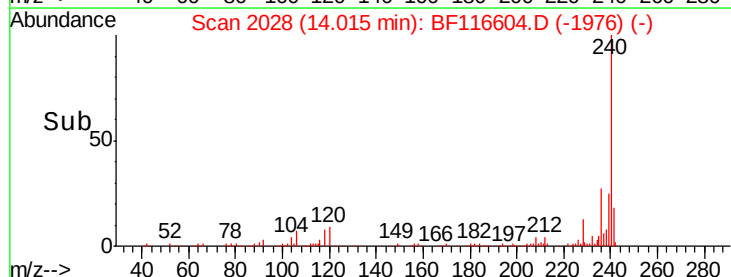
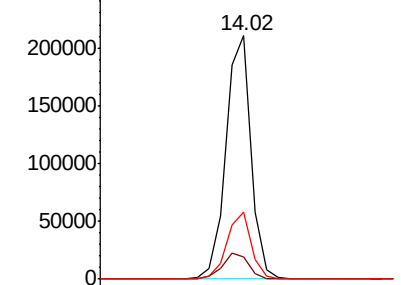


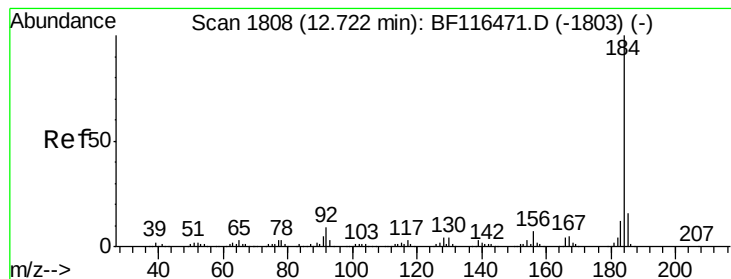
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	11.3	16.9#
236	27.4	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.621 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

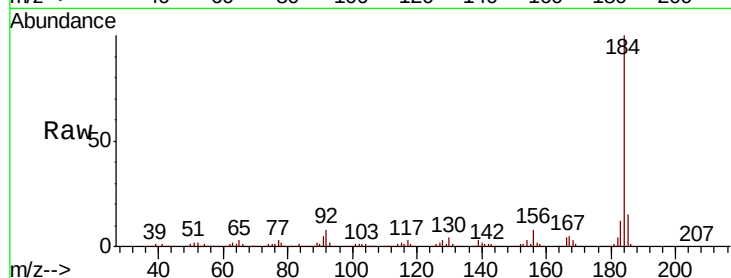
Tot Ion:184 Resp: 454177

Ion Ratio Lower Upper

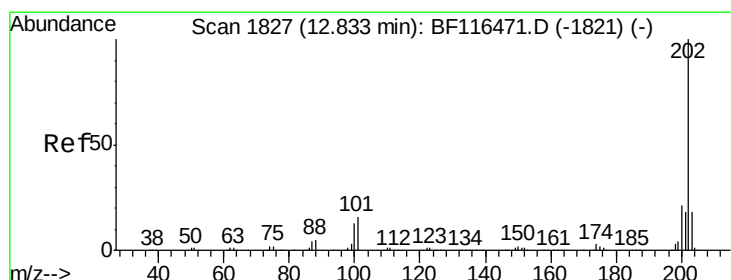
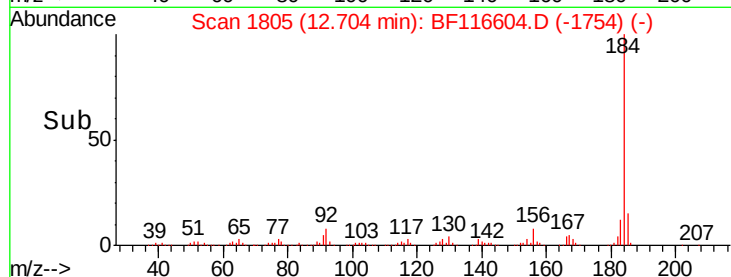
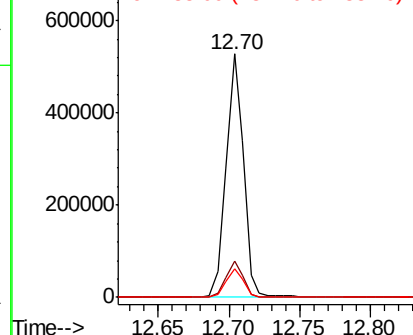
184 100

185 15.0 11.5 17.3

183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 59.677 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

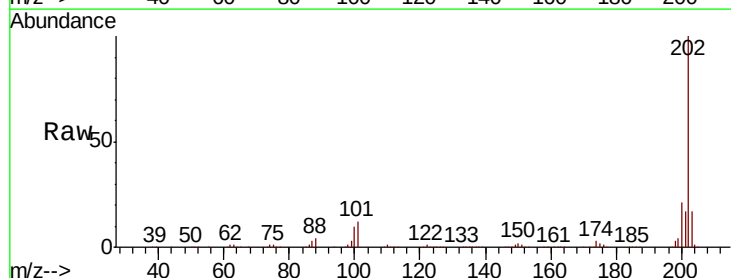
Tgt Ion:202 Resp: 888701

Ion Ratio Lower Upper

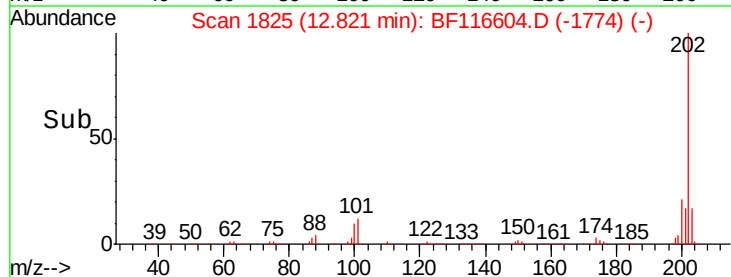
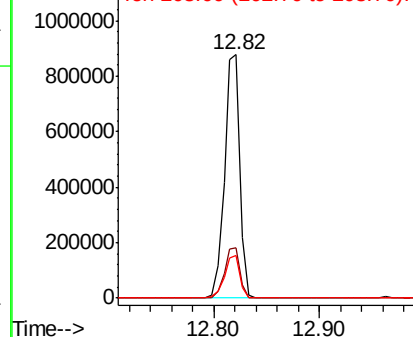
202 100

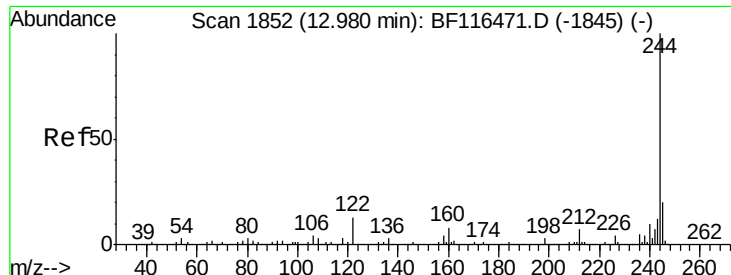
200 20.9 17.4 26.0

203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

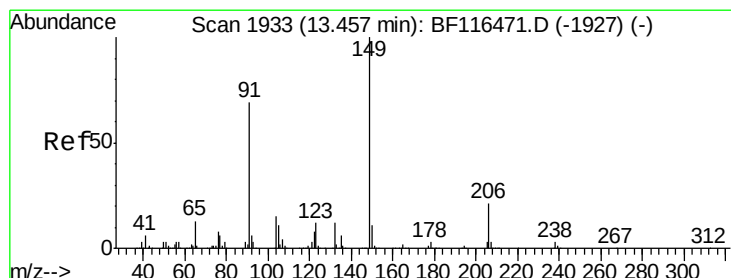
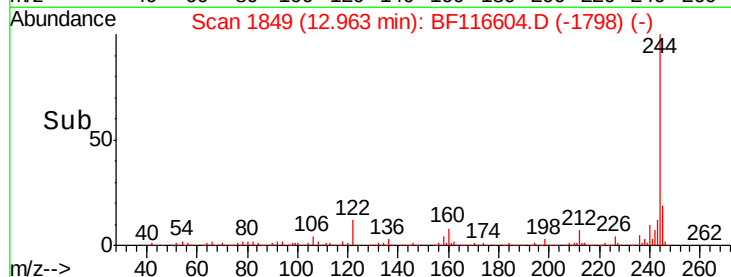
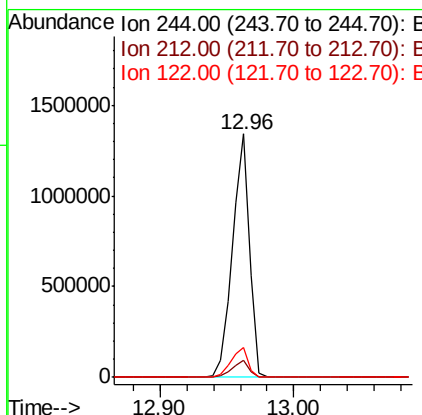
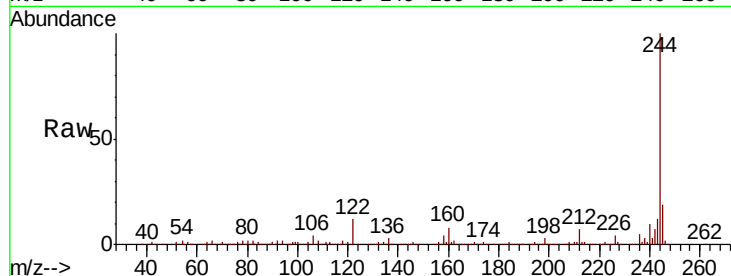




#79
 Terphenyl-d14
 Concen: 121.107 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

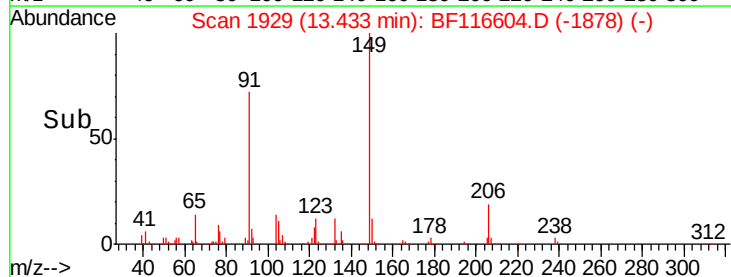
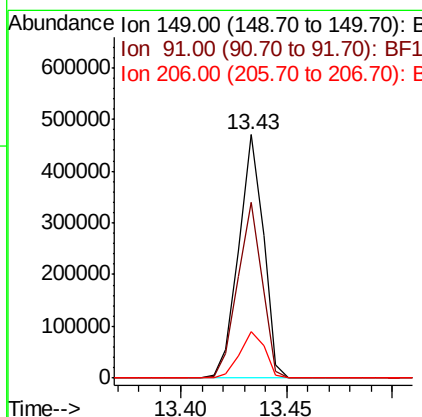
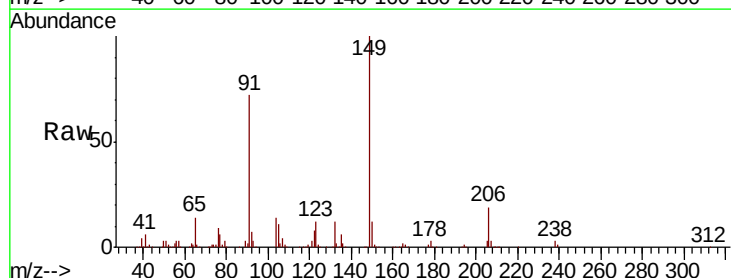
Instrument :
 BNA_F
 ClientSampleId :

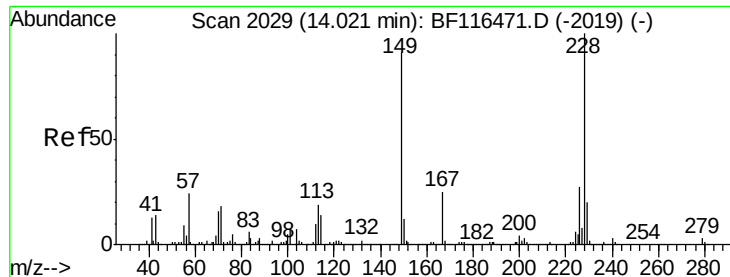
Tot Ion:244 Resp: 1207330
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.1 10.0 15.0



#80
 Butylbenzylphthalate
 Concen: 59.147 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:149 Resp: 380389
 Ion Ratio Lower Upper
 149 100
 91 72.3 57.9 86.9
 206 19.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 42.248 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

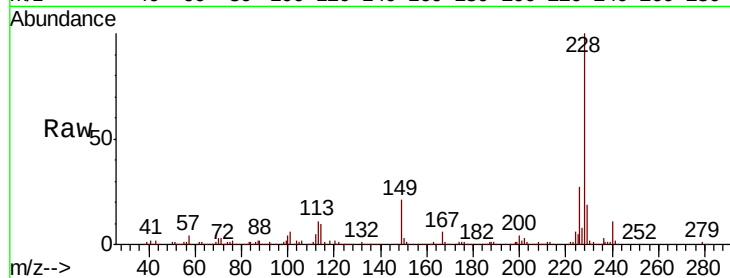
Tot Ion:228 Resp: 509534

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

229 19.4 15.4 23.0

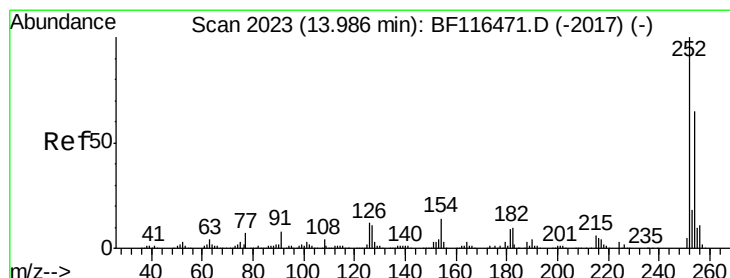
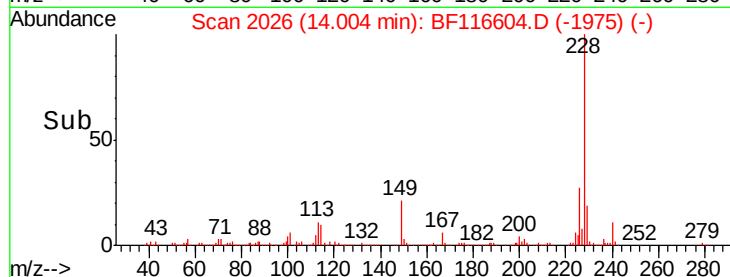
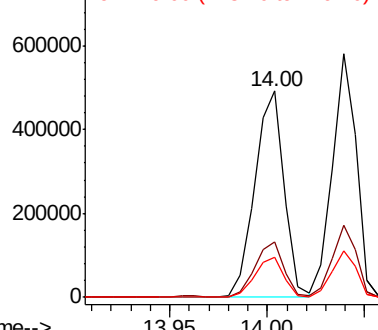


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.635 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

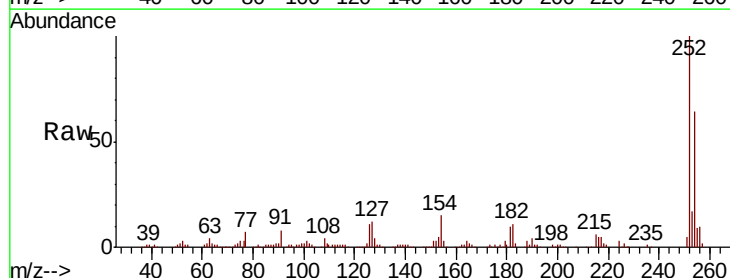
Tgt Ion:252 Resp: 174645

Ion Ratio Lower Upper

252 100

254 63.6 51.9 77.9

126 11.5 8.7 13.1

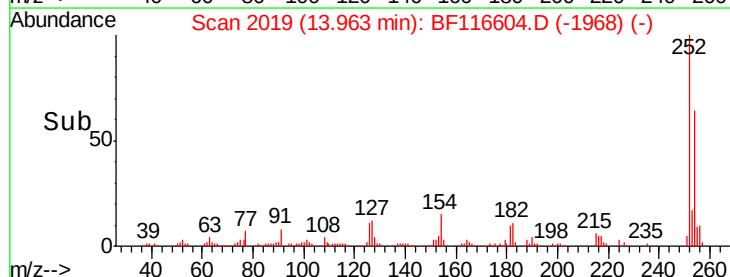
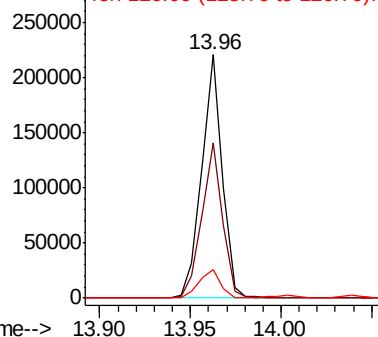


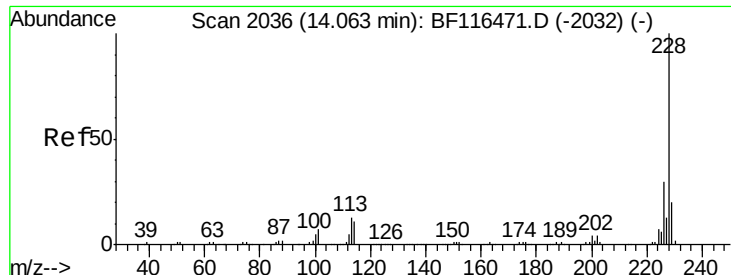
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.313 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

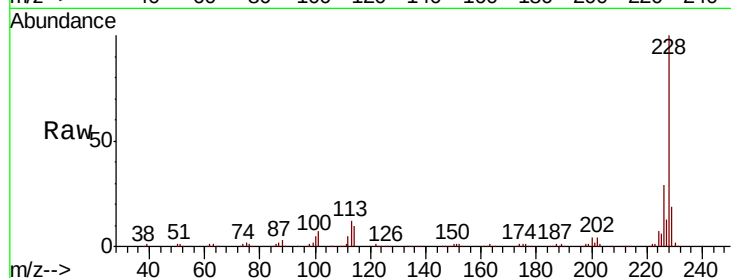
Tot Ion:228 Resp: 492787

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

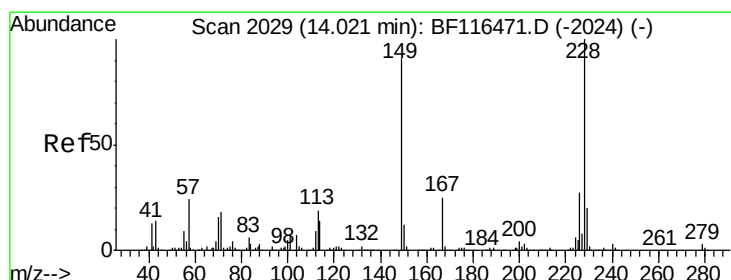
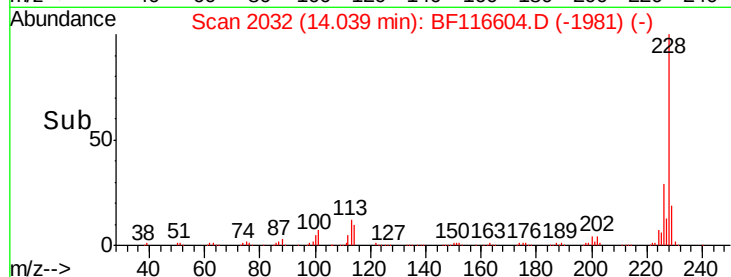
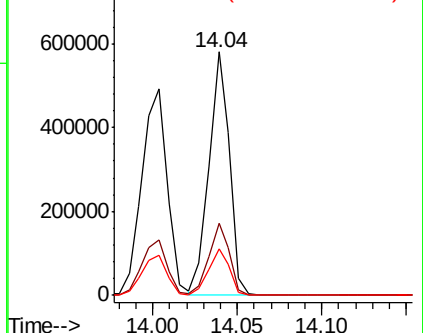
229 19.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.972 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

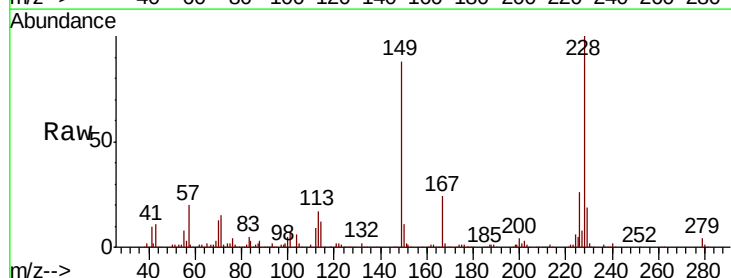
Tgt Ion:149 Resp: 351365

Ion Ratio Lower Upper

149 100

167 27.5 21.2 31.8

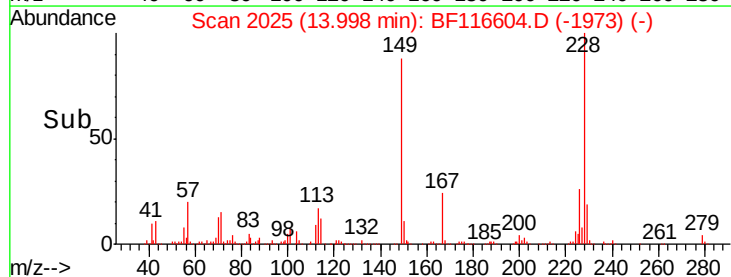
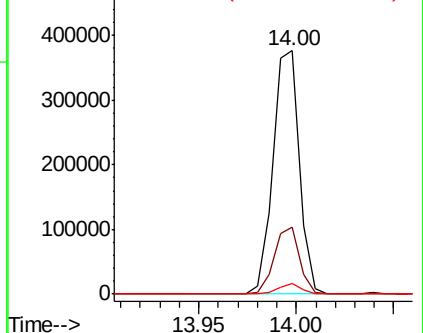
279 4.3 2.7 4.1#

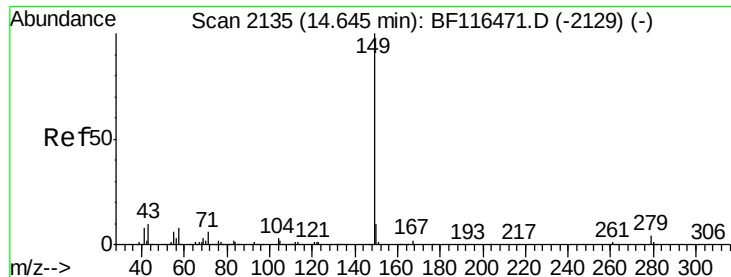


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

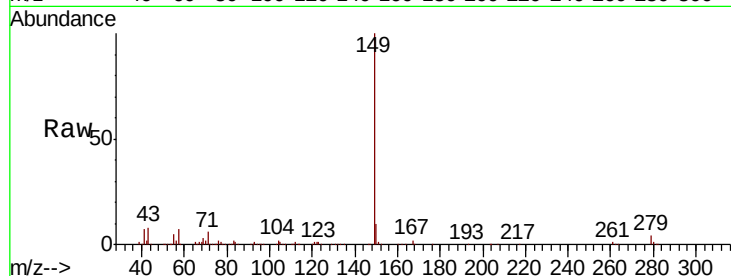




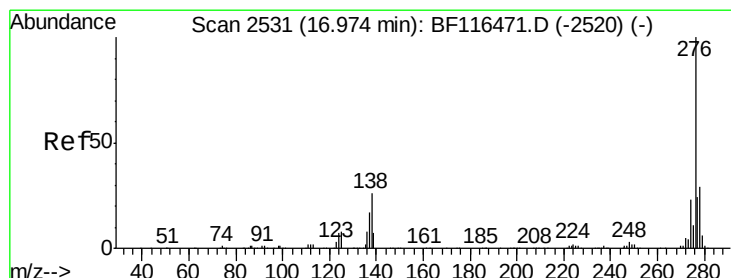
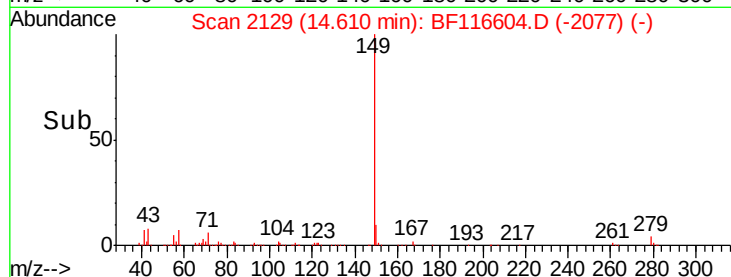
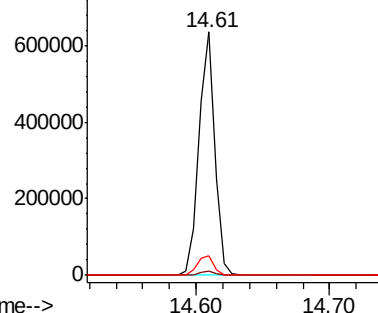
#85
Di-n-octyl phthalate
Concen: 36.858 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	7.4	11.0

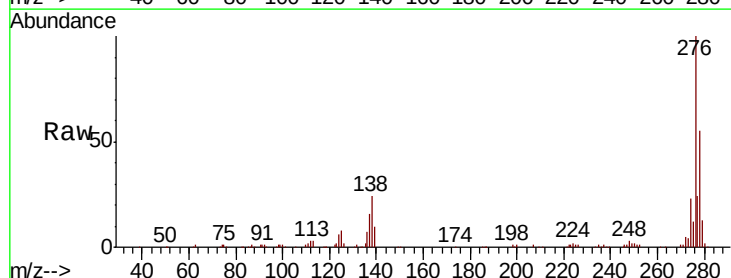


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

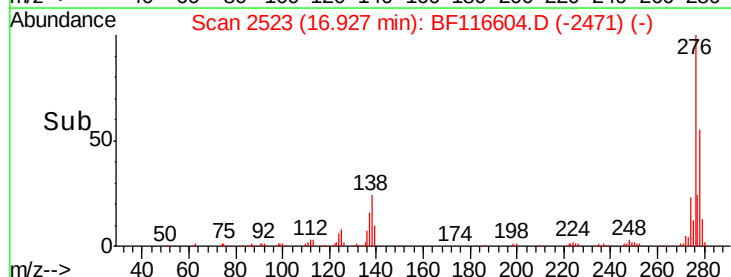
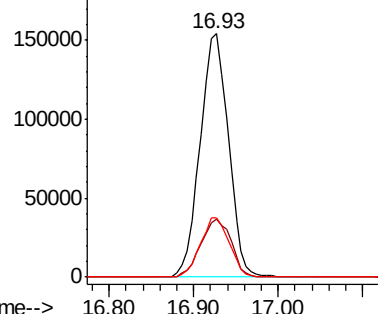


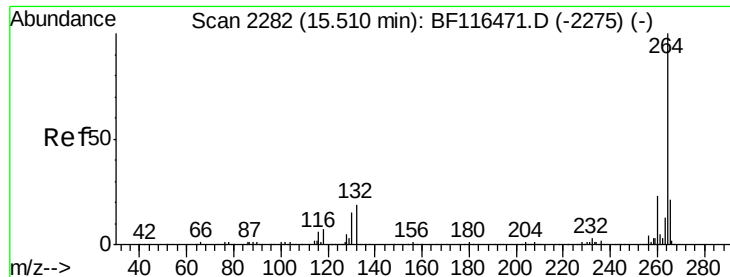
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.040 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.5	32.3
277	25.1	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

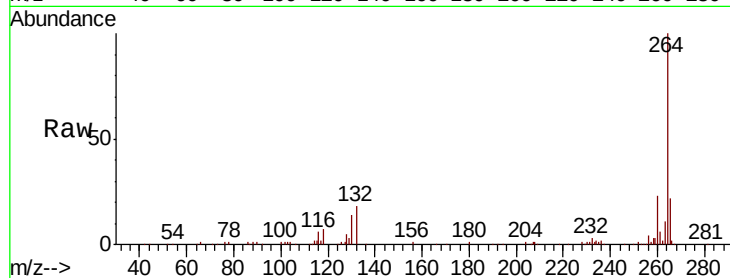




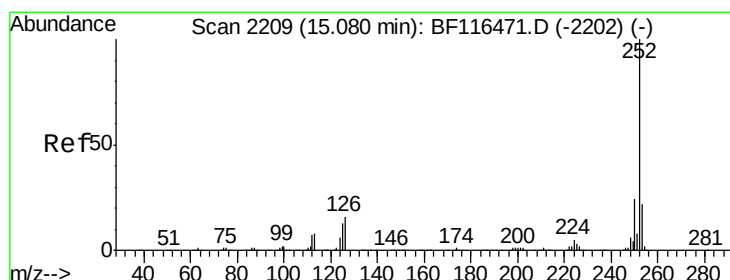
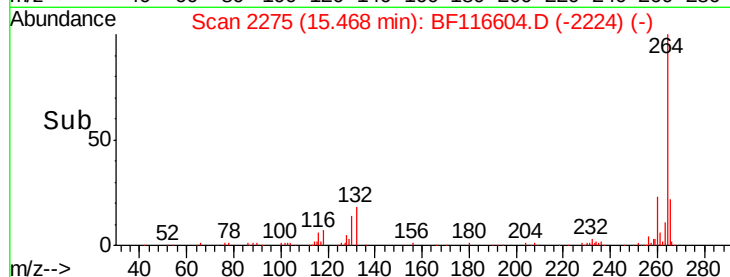
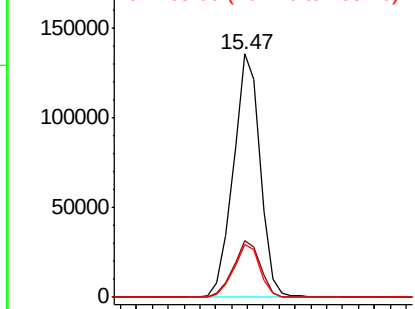
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 158690
Ion Ratio Lower Upper
264 100
260 23.5 20.0 30.0
265 21.5 17.6 26.4

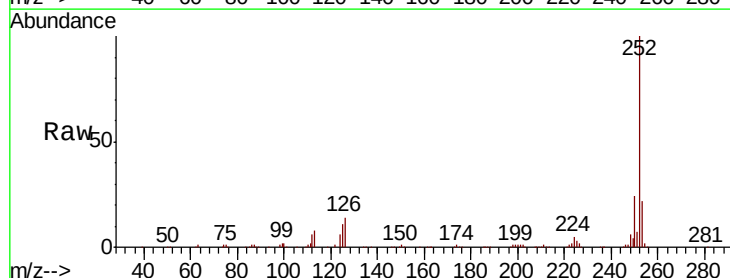


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

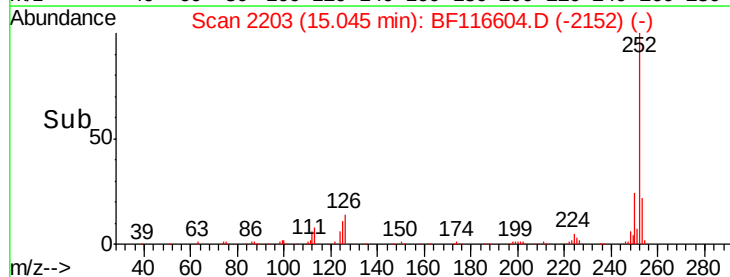
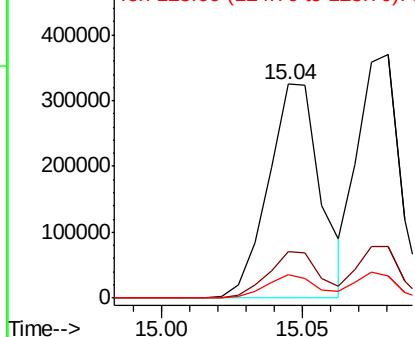


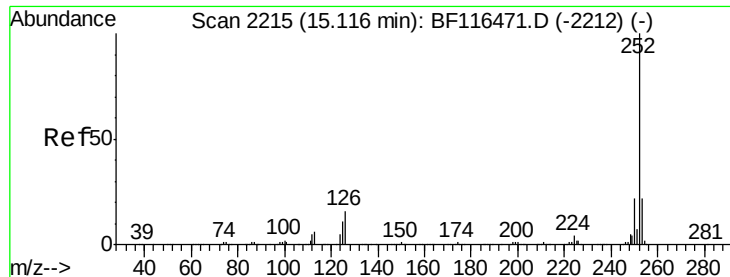
#88
Benzo(b)fluoranthene
Concen: 42.622 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:252 Resp: 417830
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

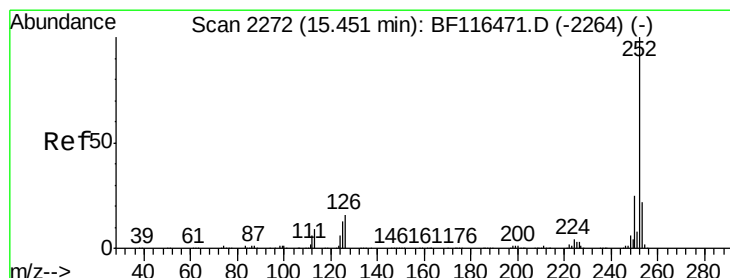
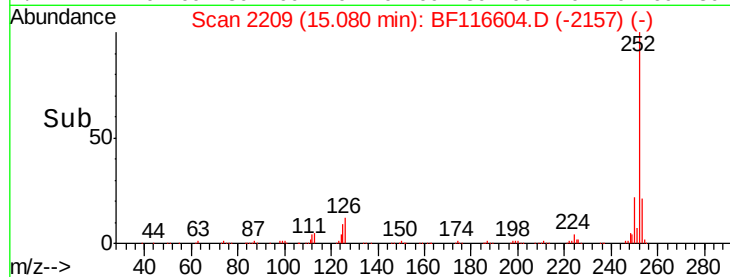
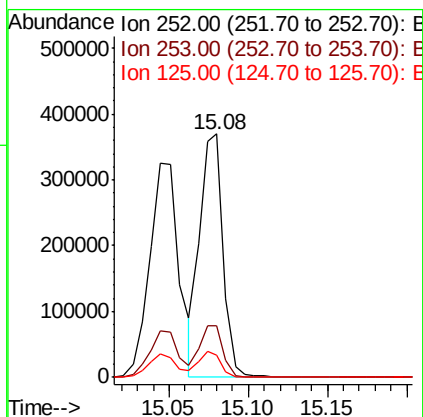
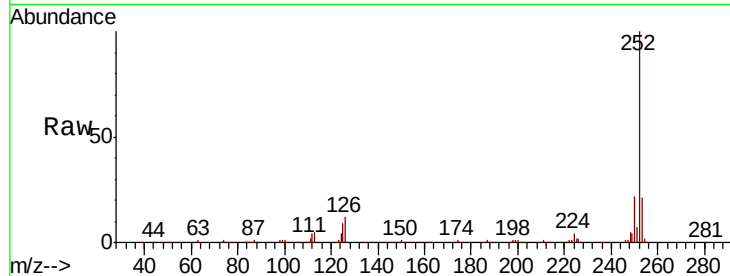




#89
Benzo(k)fluoranthene
Concen: 42.815 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

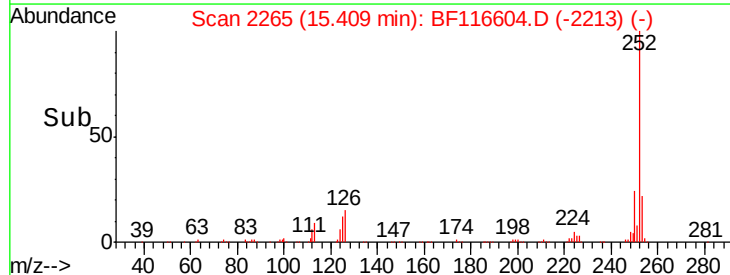
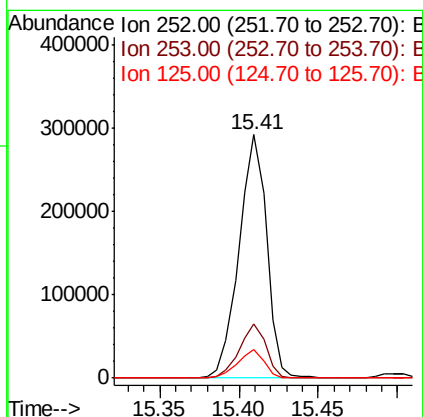
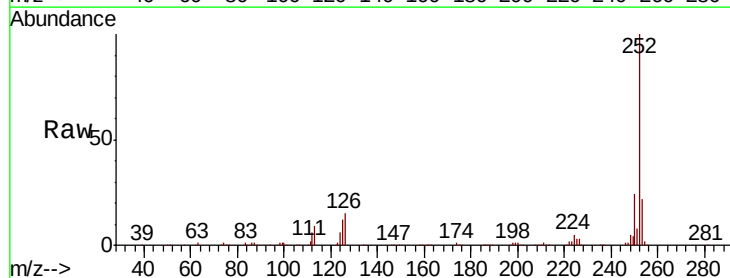
Instrument :
BNA_F
ClientSampleId :

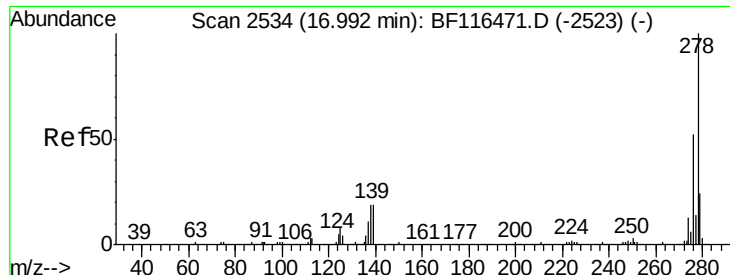
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.2	8.6	13.0



#90
Benzo(a)pyrene
Concen: 40.832 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.5	10.6	16.0





#91

Dibenzo(a,h)anthracene

Concen: 41.272 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

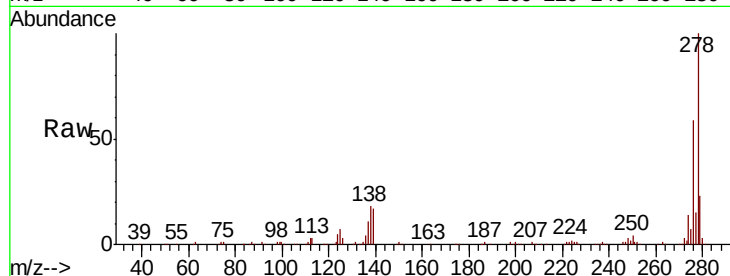
Tot Ion:278 Resp: 293833

Ion Ratio Lower Upper

278 100

139 17.0 14.1 21.1

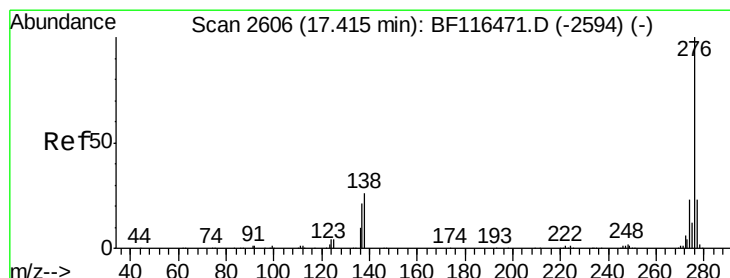
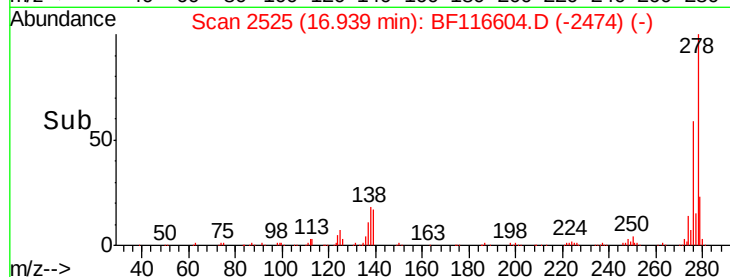
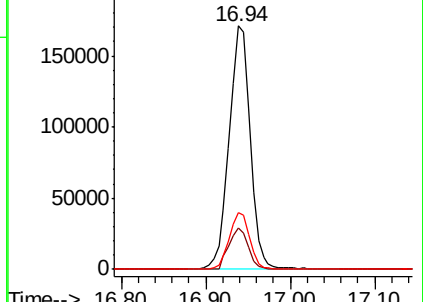
279 23.2 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.214 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

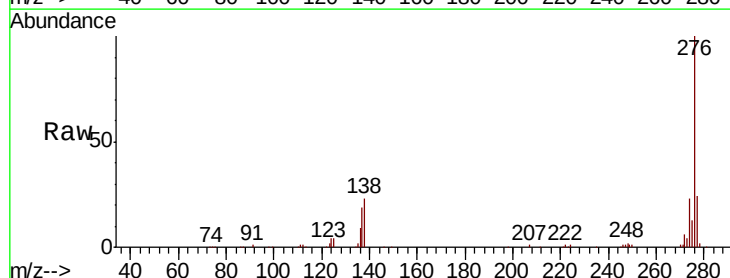
Tgt Ion:276 Resp: 279731

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 23.3 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

